

Global 2-Hydroxyethyl Acrylate (HEA) Market Professional Survey Report Forecast 2017 to 2022

<https://marketpublishers.com/r/GE0286F842AEN.html>

Date: October 2017

Pages: 132

Price: US\$ 2,720.00 (Single User License)

ID: GE0286F842AEN

Abstracts

Delivery of the Report will take 2-3 working days once order is placed.

This report studies 2-Hydroxyethyl Acrylate (HEA) in Global market, especially in North America, China, Europe, Southeast Asia, Japan and India, with production, revenue, consumption, import and export in these regions, from 2012 to 2017, and forecast to 2022.

This report focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

BASF

DOW

Nippon Shokubai

Mitsubishi Chemical

Kyoeisha Chemical

Toagosei

HBCChem

Jiangsu Sanmu

Jiangsu Yinyan

By types, the market can be split into

Ethylene Oxide Process

Ethanediol Process

Type 3

By Application, the market can be split into

Paints & coatings

Adhesives

Others

By Regions, this report covers (we can add the regions/countries as you want)

North America

China

Europe

Southeast Asia

Japan

India

Contents

1 INDUSTRY OVERVIEW OF 2-HYDROXYETHYL ACRYLATE (HEA)

1.1 Definition and Specifications of 2-Hydroxyethyl Acrylate (HEA)

1.1.1 Definition of 2-Hydroxyethyl Acrylate (HEA)

1.1.2 Specifications of 2-Hydroxyethyl Acrylate (HEA)

1.2 Classification of 2-Hydroxyethyl Acrylate (HEA)

1.2.1 Ethylene Oxide Process

1.2.2 Ethanediol Process

1.2.3 Type

1.3 Applications of 2-Hydroxyethyl Acrylate (HEA)

1.3.2 Paints & coatings

1.3.3 Adhesives

1.3.4 Others

1.4 Market Segment by Regions

1.4.1 North America

1.4.2 China

1.4.3 Europe

1.4.4 Southeast Asia

1.4.5 Japan

1.4.6 India

2 MANUFACTURING COST STRUCTURE ANALYSIS OF 2-HYDROXYETHYL ACRYLATE (HEA)

2.1 Raw Material and Suppliers

2.2 Manufacturing Cost Structure Analysis of 2-Hydroxyethyl Acrylate (HEA)

2.3 Manufacturing Process Analysis of 2-Hydroxyethyl Acrylate (HEA)

2.4 Industry Chain Structure of 2-Hydroxyethyl Acrylate (HEA)

3 TECHNICAL DATA AND MANUFACTURING PLANTS ANALYSIS OF 2-HYDROXYETHYL ACRYLATE (HEA)

3.1 Capacity and Commercial Production Date of Global 2-Hydroxyethyl Acrylate (HEA) Major Manufacturers in 2016

3.2 Manufacturing Plants Distribution of Global 2-Hydroxyethyl Acrylate (HEA) Major Manufacturers in 2016

3.3 R&D Status and Technology Source of Global 2-Hydroxyethyl Acrylate (HEA) Major

Manufacturers in 2016

3.4 Raw Materials Sources Analysis of Global 2-Hydroxyethyl Acrylate (HEA) Major Manufacturers in 2016

4 GLOBAL 2-HYDROXYETHYL ACRYLATE (HEA) OVERALL MARKET OVERVIEW

4.1 2012-2017 Overall Market Analysis

4.2 Capacity Analysis

4.2.1 2012-2017 Global 2-Hydroxyethyl Acrylate (HEA) Capacity and Growth Rate Analysis

4.2.2 2016 2-Hydroxyethyl Acrylate (HEA) Capacity Analysis (Company Segment)

4.3 Sales Analysis

4.3.1 2012-2017 Global 2-Hydroxyethyl Acrylate (HEA) Sales and Growth Rate Analysis

4.3.2 2016 2-Hydroxyethyl Acrylate (HEA) Sales Analysis (Company Segment)

4.4 Sales Price Analysis

4.4.1 2012-2017 Global 2-Hydroxyethyl Acrylate (HEA) Sales Price

4.4.2 2016 2-Hydroxyethyl Acrylate (HEA) Sales Price Analysis (Company Segment)

5 2-HYDROXYETHYL ACRYLATE (HEA) REGIONAL MARKET ANALYSIS

5.1 North America 2-Hydroxyethyl Acrylate (HEA) Market Analysis

5.1.1 North America 2-Hydroxyethyl Acrylate (HEA) Market Overview

5.1.2 North America 2012-2017 2-Hydroxyethyl Acrylate (HEA) Local Supply, Import, Export, Local Consumption Analysis

5.1.3 North America 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price Analysis

5.1.4 North America 2016 2-Hydroxyethyl Acrylate (HEA) Market Share Analysis

5.2 China 2-Hydroxyethyl Acrylate (HEA) Market Analysis

5.2.1 China 2-Hydroxyethyl Acrylate (HEA) Market Overview

5.2.2 China 2012-2017 2-Hydroxyethyl Acrylate (HEA) Local Supply, Import, Export, Local Consumption Analysis

5.2.3 China 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price Analysis

5.2.4 China 2016 2-Hydroxyethyl Acrylate (HEA) Market Share Analysis

5.3 Europe 2-Hydroxyethyl Acrylate (HEA) Market Analysis

5.3.1 Europe 2-Hydroxyethyl Acrylate (HEA) Market Overview

5.3.2 Europe 2012-2017 2-Hydroxyethyl Acrylate (HEA) Local Supply, Import, Export, Local Consumption Analysis

5.3.3 Europe 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price Analysis

5.3.4 Europe 2016 2-Hydroxyethyl Acrylate (HEA) Market Share Analysis

5.4 Southeast Asia 2-Hydroxyethyl Acrylate (HEA) Market Analysis

5.4.1 Southeast Asia 2-Hydroxyethyl Acrylate (HEA) Market Overview

5.4.2 Southeast Asia 2012-2017 2-Hydroxyethyl Acrylate (HEA) Local Supply, Import, Export, Local Consumption Analysis

5.4.3 Southeast Asia 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price Analysis

5.4.4 Southeast Asia 2016 2-Hydroxyethyl Acrylate (HEA) Market Share Analysis

5.5 Japan 2-Hydroxyethyl Acrylate (HEA) Market Analysis

5.5.1 Japan 2-Hydroxyethyl Acrylate (HEA) Market Overview

5.5.2 Japan 2012-2017 2-Hydroxyethyl Acrylate (HEA) Local Supply, Import, Export, Local Consumption Analysis

5.5.3 Japan 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price Analysis

5.5.4 Japan 2016 2-Hydroxyethyl Acrylate (HEA) Market Share Analysis

5.6 India 2-Hydroxyethyl Acrylate (HEA) Market Analysis

5.6.1 India 2-Hydroxyethyl Acrylate (HEA) Market Overview

5.6.2 India 2012-2017 2-Hydroxyethyl Acrylate (HEA) Local Supply, Import, Export, Local Consumption Analysis

5.6.3 India 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price Analysis

5.6.4 India 2016 2-Hydroxyethyl Acrylate (HEA) Market Share Analysis

6 GLOBAL 2012-2017 2-HYDROXYETHYL ACRYLATE (HEA) SEGMENT MARKET ANALYSIS (BY TYPE)

6.1 Global 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales by Type

6.2 Different Types of 2-Hydroxyethyl Acrylate (HEA) Product Interview Price Analysis

6.3 Different Types of 2-Hydroxyethyl Acrylate (HEA) Product Driving Factors Analysis

6.3.1 General keyboard membrane of 2-Hydroxyethyl Acrylate (HEA) Growth Driving Factor Analysis

6.3.2 Transparent keyboard membrane of 2-Hydroxyethyl Acrylate (HEA) Growth Driving Factor Analysis

6.3.3 Simulation keyboard membrane of 2-Hydroxyethyl Acrylate (HEA) Growth Driving Factor Analysis

6.3.4 Colorful keyboard membrane of 2-Hydroxyethyl Acrylate (HEA) Growth Driving Factor Analysis

6.3.5 Other of 2-Hydroxyethyl Acrylate (HEA) Growth Driving Factor Analysis

7 GLOBAL 2012-2017 2-HYDROXYETHYL ACRYLATE (HEA) SEGMENT MARKET ANALYSIS (BY APPLICATION)

7.1 Global 2012-2017 2-Hydroxyethyl Acrylate (HEA) Consumption by Application

7.2 Different Application of 2-Hydroxyethyl Acrylate (HEA) Product Interview Price Analysis

7.3 Different Application of 2-Hydroxyethyl Acrylate (HEA) Product Driving Factors Analysis

7.3.1 Office Use of 2-Hydroxyethyl Acrylate (HEA) Growth Driving Factor Analysis

7.3.2 Personal Use of 2-Hydroxyethyl Acrylate (HEA) Growth Driving Factor Analysis

8 MAJOR MANUFACTURERS ANALYSIS OF 2-HYDROXYETHYL ACRYLATE (HEA)

8.1 BASF

8.1.1 Company Basic Information, Manufacturing Base and Competitors

8.1.2 Product Picture and Specifications

8.1.3 Sales, Revenue, Price and Gross Margin (2012-2017)

8.1.4 Business Overview

8.2 DOW

8.2.1 Company Basic Information, Manufacturing Base and Competitors

8.2.2 Product Picture and Specifications

8.2.3 Sales, Revenue, Price and Gross Margin (2012-2017)

8.2.4 Business Overview

8.3 Nippon Shokubai

8.3.1 Company Basic Information, Manufacturing Base and Competitors

8.3.2 Product Picture and Specifications

8.3.3 Sales, Revenue, Price and Gross Margin (2012-2017)

8.3.4 Business Overview

8.4 Mitsubishi Chemical

8.4.1 Company Basic Information, Manufacturing Base and Competitors

8.4.2 Product Picture and Specifications

8.4.3 Sales, Revenue, Price and Gross Margin (2012-2017)

8.4.4 Business Overview

8.5 Kyoisha Chemical

8.5.1 Company Basic Information, Manufacturing Base and Competitors

8.5.2 Product Picture and Specifications

8.5.3 Sales, Revenue, Price and Gross Margin (2012-2017)

8.5.4 Business Overview

8.6 Toagosei

8.6.1 Company Basic Information, Manufacturing Base and Competitors

8.6.2 Product Picture and Specifications

8.6.3 Sales, Revenue, Price and Gross Margin (2012-2017)

8.6.4 Business Overview

8.7 HBCChem

8.7.1 Company Basic Information, Manufacturing Base and Competitors

8.7.2 Product Picture and Specifications

8.7.3 Sales, Revenue, Price and Gross Margin (2012-2017)

8.7.4 Business Overview

8.8 Jiangsu Sanmu

8.8.1 Company Basic Information, Manufacturing Base and Competitors

8.8.2 Product Picture and Specifications

8.8.3 Sales, Revenue, Price and Gross Margin (2012-2017)

8.8.4 Business Overview

8.9 Jiangsu Yinyan

8.9.1 Company Basic Information, Manufacturing Base and Competitors

8.9.2 Product Picture and Specifications

8.9.3 Sales, Revenue, Price and Gross Margin (2012-2017)

8.9.4 Business Overview

9 DEVELOPMENT TREND OF ANALYSIS OF 2-HYDROXYETHYL ACRYLATE (HEA) MARKET

9.1 Global 2-Hydroxyethyl Acrylate (HEA) Market Trend Analysis

9.1.1 Global 2017-2022 2-Hydroxyethyl Acrylate (HEA) Market Size (Volume and Value) Forecast

9.1.2 Global 2017-2022 2-Hydroxyethyl Acrylate (HEA) Sales Price Forecast

9.2 2-Hydroxyethyl Acrylate (HEA) Regional Market Trend

9.2.1 North America 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Forecast

9.2.2 China 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Forecast

9.2.3 Europe 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Forecast

9.2.4 Southeast Asia 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Forecast

9.2.5 Japan 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Forecast

9.2.6 India 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Forecast

9.3 2-Hydroxyethyl Acrylate (HEA) Market Trend (Product Type)

9.4 2-Hydroxyethyl Acrylate (HEA) Market Trend (Application)

10 2-HYDROXYETHYL ACRYLATE (HEA) MARKETING TYPE ANALYSIS

10.1 2-Hydroxyethyl Acrylate (HEA) Regional Marketing Type Analysis

10.2 2-Hydroxyethyl Acrylate (HEA) International Trade Type Analysis

10.3 Traders or Distributors with Contact Information of 2-Hydroxyethyl Acrylate (HEA)
by Regions

10.4 2-Hydroxyethyl Acrylate (HEA) Supply Chain Analysis

11 CONSUMERS ANALYSIS OF 2-HYDROXYETHYL ACRYLATE (HEA)

11.1 Consumer 1 Analysis

11.2 Consumer 2 Analysis

11.3 Consumer 3 Analysis

11.4 Consumer 4 Analysis

12 APPENDIX

List Of Tables

LIST OF TABLES AND FIGURES

- Figure Picture of 2-Hydroxyethyl Acrylate (HEA)
- Table Product Specifications of 2-Hydroxyethyl Acrylate (HEA)
- Table Classification of 2-Hydroxyethyl Acrylate (HEA)
- Figure Global Production Market Share of 2-Hydroxyethyl Acrylate (HEA) by Type in 2016
- Table Applications of 2-Hydroxyethyl Acrylate (HEA)
- Figure Global Consumption Volume Market Share of 2-Hydroxyethyl Acrylate (HEA) by Application in 2016
- Figure Market Share of 2-Hydroxyethyl Acrylate (HEA) by Regions
- Figure North America 2-Hydroxyethyl Acrylate (HEA) Market Size (2012-2022)
- Figure China 2-Hydroxyethyl Acrylate (HEA) Market Size (2012-2022)
- Figure Europe 2-Hydroxyethyl Acrylate (HEA) Market Size (2012-2022)
- Figure Southeast Asia 2-Hydroxyethyl Acrylate (HEA) Market Size (2012-2022)
- Figure Japan 2-Hydroxyethyl Acrylate (HEA) Market Size (2012-2022)
- Figure India 2-Hydroxyethyl Acrylate (HEA) Market Size (2012-2022)
- Table 2-Hydroxyethyl Acrylate (HEA) Raw Material and Suppliers
- Table Manufacturing Cost Structure Analysis of 2-Hydroxyethyl Acrylate (HEA) in 2016
- Figure Manufacturing Process Analysis of 2-Hydroxyethyl Acrylate (HEA)
- Figure Industry Chain Structure of 2-Hydroxyethyl Acrylate (HEA)
- Table Capacity and Commercial Production Date of Global 2-Hydroxyethyl Acrylate (HEA) Major Manufacturers in 2016
- Table Manufacturing Plants Distribution of Global 2-Hydroxyethyl Acrylate (HEA) Major Manufacturers in 2016
- Table R&D Status and Technology Source of Global 2-Hydroxyethyl Acrylate (HEA) Major Manufacturers in 2016
- Table Raw Materials Sources Analysis of Global 2-Hydroxyethyl Acrylate (HEA) Major Manufacturers in 2016
- Table Global Capacity, Sales , Price, Cost, Sales Revenue (M USD) and Gross Margin of 2-Hydroxyethyl Acrylate (HEA) 2012-2017
- Figure Global 2012-2017 2-Hydroxyethyl Acrylate (HEA) Market Size (Volume) and Growth Rate
- Figure Global 2012-2017 2-Hydroxyethyl Acrylate (HEA) Market Size (Value) and Growth Rate
- Table 2012-2017 Global 2-Hydroxyethyl Acrylate (HEA) Capacity and Growth Rate
- Table 2016 Global 2-Hydroxyethyl Acrylate (HEA) Capacity List (Company Segment)

Table 2012-2017 Global 2-Hydroxyethyl Acrylate (HEA) Sales and Growth Rate
Table 2016 Global 2-Hydroxyethyl Acrylate (HEA) Sales List (Company Segment)
Table 2012-2017 Global 2-Hydroxyethyl Acrylate (HEA) Sales Price
Table 2016 Global 2-Hydroxyethyl Acrylate (HEA) Sales Price List (Company Segment)
Figure North America Capacity Overview
Table North America Supply, Import, Export and Consumption of 2-Hydroxyethyl Acrylate (HEA) 2012-2017
Figure North America 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price
Figure North America 2016 2-Hydroxyethyl Acrylate (HEA) Sales Market Share
Figure China Capacity Overview
Table China Supply, Import, Export and Consumption of 2-Hydroxyethyl Acrylate (HEA) 2012-2017
Figure China 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price
Figure China 2016 2-Hydroxyethyl Acrylate (HEA) Sales Market Share
Figure Europe Capacity Overview
Table Europe Supply, Import, Export and Consumption of 2-Hydroxyethyl Acrylate (HEA) 2012-2017
Figure Europe 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price
Figure Europe 2016 2-Hydroxyethyl Acrylate (HEA) Sales Market Share
Figure Southeast Asia Capacity Overview
Table Southeast Asia Supply, Import, Export and Consumption of 2-Hydroxyethyl Acrylate (HEA) 2012-2017
Figure Southeast Asia 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price
Figure Southeast Asia 2016 2-Hydroxyethyl Acrylate (HEA) Sales Market Share
Figure Japan Capacity Overview
Table Japan Supply, Import, Export and Consumption of 2-Hydroxyethyl Acrylate (HEA) 2012-2017
Figure Japan 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price
Figure Japan 2016 2-Hydroxyethyl Acrylate (HEA) Sales Market Share
Figure India Capacity Overview
Table India Supply, Import, Export and Consumption of 2-Hydroxyethyl Acrylate (HEA) 2012-2017
Figure India 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales Price
Figure India 2016 2-Hydroxyethyl Acrylate (HEA) Sales Market Share
Table Global 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales by Type
Table Different Types 2-Hydroxyethyl Acrylate (HEA) Product Interview Price
Table Global 2012-2017 2-Hydroxyethyl Acrylate (HEA) Sales by Application
Table Different Adhesives-Hydroxyethyl Acrylate (HEA) Product Interview Price
Table BASF Basic Information List

Table BASF 2-Hydroxyethyl Acrylate (HEA) Sales, Revenue, Price and Gross Margin (2012-2017)

Figure BASF 2-Hydroxyethyl Acrylate (HEA) Global Market Share (2012-2017)

Table DOW Basic Information List

Table DOW 2-Hydroxyethyl Acrylate (HEA) Sales, Revenue, Price and Gross Margin (2012-2017)

Figure DOW 2-Hydroxyethyl Acrylate (HEA) Global Market Share (2012-2017)

Table Nippon Shokubai Basic Information List

Table Nippon Shokubai 2-Hydroxyethyl Acrylate (HEA) Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Nippon Shokubai 2-Hydroxyethyl Acrylate (HEA) Global Market Share (2012-2017)

Table Mitsubishi Chemical Basic Information List

Table Mitsubishi Chemical 2-Hydroxyethyl Acrylate (HEA) Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Mitsubishi Chemical 2-Hydroxyethyl Acrylate (HEA) Global Market Share (2012-2017)

Table Kyoisha Chemical Basic Information List

Table Kyoisha Chemical 2-Hydroxyethyl Acrylate (HEA) Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Kyoisha Chemical 2-Hydroxyethyl Acrylate (HEA) Global Market Share (2012-2017)

Table Toagosei Basic Information List

Table Toagosei 2-Hydroxyethyl Acrylate (HEA) Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Toagosei 2-Hydroxyethyl Acrylate (HEA) Global Market Share (2012-2017)

Table HBCChem Basic Information List

Table HBCChem 2-Hydroxyethyl Acrylate (HEA) Sales, Revenue, Price and Gross Margin (2012-2017)

Figure HBCChem 2-Hydroxyethyl Acrylate (HEA) Global Market Share (2012-2017)

Table Jiangsu Sanmu Basic Information List

Table Jiangsu Sanmu 2-Hydroxyethyl Acrylate (HEA) Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Jiangsu Sanmu 2-Hydroxyethyl Acrylate (HEA) Global Market Share (2012-2017)

Table Jiangsu Yinyan Basic Information List

Table Jiangsu Yinyan 2-Hydroxyethyl Acrylate (HEA) Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Jiangsu Yinyan 2-Hydroxyethyl Acrylate (HEA) Global Market Share (2012-2017)

Figure Global 2017-2022 2-Hydroxyethyl Acrylate (HEA) Market Size (Volume) and Growth Rate Forecast

Figure Global 2017-2022 2-Hydroxyethyl Acrylate (HEA) Market Size (Value) and Growth Rate Forecast

Figure Global 2017-2022 2-Hydroxyethyl Acrylate (HEA) Sales Price Forecast

Figure North America 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Volume and Growth Rate Forecast

Figure China 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Volume and Growth Rate Forecast

Figure Europe 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Volume and Growth Rate Forecast

Figure Southeast Asia 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Volume and Growth Rate Forecast

Figure Japan 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Volume and Growth Rate Forecast

Figure India 2017-2022 2-Hydroxyethyl Acrylate (HEA) Consumption Volume and Growth Rate Forecast

Table Global Sales Volume of 2-Hydroxyethyl Acrylate (HEA) by Types 2017-2022

Table Global Consumption Volume of 2-Hydroxyethyl Acrylate (HEA) by Applications 2017-2022

Table Traders or Distributors with Contact Information of 2-Hydroxyethyl Acrylate (HEA) by Regions

COMPANIES MENTIONED

BASF

DOW

Nippon Shokubai

Mitsubishi Chemical

Kyoeisha Chemical

Toagosei

HBCChem

Jiangsu Sanmu

Jiangsu Yinyan

Anhui Renxin

Zhejiang dongue

Hangzhou Xiasen

Zibo Xinglu

Changzhou Hickory

BEACT

I would like to order

Product name: Global 2-Hydroxyethyl Acrylate (HEA) Market Professional Survey Report Forecast 2017 to 2022

Product link: <https://marketpublishers.com/r/GE0286F842AEN.html>

Price: US\$ 2,720.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE0286F842AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

