

# Single Crystal Nickel Based Super Alloys Market in France - Manufacturing and Consumption, Outlook and Forecast 2020-2026

<https://marketpublishers.com/r/SF576EB27F77EN.html>

Date: April 2020

Pages: 93

Price: US\$ 2,700.00 (Single User License)

ID: SF576EB27F77EN

## Abstracts

The single-crystal superalloys are often classified into first, second and third generation alloys. The second and third generations contain about 3 wt% and 6wt% of rhenium respectively. Rhenium is a very expensive addition but leads to an improvement in the creep strength and fatigue resistance. It is argued that some of the enhanced resistance to creep comes from the promotion of rafting by rhenium, which partitions into the  $\gamma$  and makes the lattice misfit more negative. Atomic resolution experiments have shown that the Re occurs as clusters in the  $\gamma$  phase. It is also claimed that rhenium reduces the overall diffusion rate in nickel based superalloys.

This report contains market size and forecasts of Single Crystal Nickel Based Super Alloys in France, including the following market information:

France Single Crystal Nickel Based Super Alloys Market Revenue, 2015-2020, 2021-2026, (\$ millions)

France Single Crystal Nickel Based Super Alloys Market Consumption, 2015-2020, 2021-2026, (MT)

France Single Crystal Nickel Based Super Alloys Production Capacity, 2015-2020, 2021-2026, (MT)

Top Five Competitors in France Single Crystal Nickel Based Super Alloys Market 2019 (%)

The global Single Crystal Nickel Based Super Alloys market was valued at 126.9 million in 2019 and is projected to reach US\$ 147.4 million by 2026, at a CAGR of 3.8% during the forecast period. While the Single Crystal Nickel Based Super Alloys market size in France was US\$ XX million in 2019, and it is expected to reach US\$ XX million by the end of 2026, with a CAGR of XX% during 2020-2026.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Single Crystal Nickel Based Super Alloys manufacturers, suppliers, distributors and industry experts on the

impacts of the COVID-19 pandemic on businesses, with top challenges including ingredients and raw material delays, component and packaging shortages, reduced/cancelled orders from clients and consumers, and closures of production lines in some impacted areas.

This report also analyses and evaluates the COVID-19 impact on Single Crystal Nickel Based Super Alloys production and consumption in France

Total Market by Segment:

France Single Crystal Nickel Based Super Alloys Market, By Type, 2015-2020, 2021-2026 (\$ millions) & (MT)

France Single Crystal Nickel Based Super Alloys Market Segment Percentages, By Type, 2019 (%)

Cast

Wrought

Powder Metallurgy

France Single Crystal Nickel Based Super Alloys Market, By Application, 2015-2020, 2021-2026 (\$ millions) & (MT)

France Single Crystal Nickel Based Super Alloys Market Segment Percentages, By Application, 2019 (%)

Aerospace & Aircrafts

Land Base Gas Turbine

Others

Competitor Analysis

The report also provides analysis of leading market participants including:

Total Single Crystal Nickel Based Super Alloys Market Competitors Revenues in France, by Players 2015-2020 (Estimated), (\$ millions)

Total Single Crystal Nickel Based Super Alloys Market Competitors Revenues Share in France, by Players 2019 (%)

Total France Single Crystal Nickel Based Super Alloys Market Competitors Sales, by Players 2015-2020 (Estimated), (MT)

Total France Single Crystal Nickel Based Super Alloys Market Competitors Sales Market Share by Players 2019 (\$ millions)

Further, the report presents profiles of competitors in the market, including the following:

IHI

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Single Crystal Nickel Based Super Alloys Market Definition
- 1.2 Market Segments
  - 1.2.1 Segment by Type
  - 1.2.2 Segment by Application
- 1.3 France Single Crystal Nickel Based Super Alloys Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 COVID-19 IMPACT: FRANCE SINGLE CRYSTAL NICKEL BASED SUPER ALLOYS OVERALL MARKET SIZE**

- 2.1 France Single Crystal Nickel Based Super Alloys Market Size: 2020 VS 2026
- 2.2 France Single Crystal Nickel Based Super Alloys Revenue, Prospects & Forecasts: 2015-2026
- 2.3 France Single Crystal Nickel Based Super Alloys Sales (Consumption): 2015-2026

### **3 COMPANY LANDSCAPE**

- 3.1 Top Single Crystal Nickel Based Super Alloys Players in France (including Foreign and Local Companies)
- 3.2 Top France Single Crystal Nickel Based Super Alloys Companies Ranked by Revenue
- 3.3 France Single Crystal Nickel Based Super Alloys Revenue by Companies (including Foreign and Local Companies)
- 3.4 France Single Crystal Nickel Based Super Alloys Sales by Companies (including Foreign and Local Companies)
- 3.5 France Single Crystal Nickel Based Super Alloys Price by Manufacturer (2015-2020)
- 3.6 Top 3 and Top 5 Single Crystal Nickel Based Super Alloys Companies in France, by Revenue in 2019
- 3.7 France Manufacturers Single Crystal Nickel Based Super Alloys Product Type

- 3.8 Tier 1, Tier 2 and Tier 3 Single Crystal Nickel Based Super Alloys Players in France
  - 3.8.1 List of France Tier 1 Single Crystal Nickel Based Super Alloys Companies
  - 3.8.2 List of France Tier 2 and Tier 3 Single Crystal Nickel Based Super Alloys Companies

## **4 SIGHTS BY PRODUCT**

### 4.1 Overview

4.1.1 By Type - France Single Crystal Nickel Based Super Alloys Market Size Markets, 2020 & 2026

4.1.2 Cast

4.1.3 Wrought

4.1.4 Powder Metallurgy

### 4.2 By Type - France Single Crystal Nickel Based Super Alloys Revenue & Forecasts

4.2.1 By Type - France Single Crystal Nickel Based Super Alloys Revenue, 2015-2020

4.2.2 By Type - France Single Crystal Nickel Based Super Alloys Revenue, 2021-2026

4.2.3 By Type - France Single Crystal Nickel Based Super Alloys Revenue Market Share, 2015-2026

### 4.3 By Type - France Single Crystal Nickel Based Super Alloys Sales & Forecasts

4.3.1 By Type - France Single Crystal Nickel Based Super Alloys Sales, 2015-2020

4.3.2 By Type - France Single Crystal Nickel Based Super Alloys Sales, 2021-2026

4.3.3 By Type - France Single Crystal Nickel Based Super Alloys Sales Market Share, 2015-2026

### 4.4 By Type - France Single Crystal Nickel Based Super Alloys Price (Manufacturers Selling Prices), 2015-2026

## **5 SIGHTS BY APPLICATION**

### 5.1 Overview

5.1.1 By Application - France Single Crystal Nickel Based Super Alloys Market Size, 2020 & 2026

5.1.2 Aerospace & Aircrafts

5.1.3 Land Base Gas Turbine

5.1.4 Others

### 5.2 By Application - France Single Crystal Nickel Based Super Alloys Revenue & Forecasts

5.2.1 By Application - France Single Crystal Nickel Based Super Alloys Revenue, 2015-2020

5.2.2 By Application - France Single Crystal Nickel Based Super Alloys Revenue,

2021-2026

5.2.3 By Application - France Single Crystal Nickel Based Super Alloys Revenue Market Share, 2015-2026

5.3 By Application - France Single Crystal Nickel Based Super Alloys Sales & Forecasts

5.3.1 By Application - France Single Crystal Nickel Based Super Alloys Sales, 2015-2020

5.3.2 By Application - France Single Crystal Nickel Based Super Alloys Sales, 2021-2026

5.3.3 By Application - France Single Crystal Nickel Based Super Alloys Sales Market Share, 2015-2026

5.4 By Application - France Single Crystal Nickel Based Super Alloys Price (Manufacturers Selling Prices), 2015-2026

## **6 MANUFACTURERS & BRANDS PROFILES**

6.1 IHI

6.1.1 IHI Corporate Summary

6.1.2 IHI Business Overview

6.1.3 IHI Single Crystal Nickel Based Super Alloys Major Product Offerings

6.1.4 IHI Sales and Revenue in France (2015-2020)

6.1.5 IHI Key News

6.2 Cannon Muskegon

6.2.1 Cannon Muskegon Corporate Summary

6.2.2 Cannon Muskegon Business Overview

6.2.3 Cannon Muskegon Single Crystal Nickel Based Super Alloys Major Product Offerings

6.2.4 Cannon Muskegon Sales and Revenue in France (2015-2020)

6.2.5 Cannon Muskegon Key News

## **7 SINGLE CRYSTAL NICKEL BASED SUPER ALLOYS PRODUCTION CAPACITY, EXPORT AND IMPORT ANALYSIS**

7.1 Single Crystal Nickel Based Super Alloys Production Capacity and Value in France, Situation Analysis and Prediction, 2015-2026

7.1.1 France Single Crystal Nickel Based Super Alloys Production Capacity, 2015-2026

7.1.2 France Single Crystal Nickel Based Super Alloys Production 2015-2026

7.1.3 France Single Crystal Nickel Based Super Alloys Production Value 2015-2026

7.2 Key Local Single Crystal Nickel Based Super Alloys Manufacturers in France

7.2.1 France Key Local Single Crystal Nickel Based Super Alloys Manufacturers Production Capacity

7.2.2 France Key Local Single Crystal Nickel Based Super Alloys Manufacturers Production

7.2.3 France Key Local Single Crystal Nickel Based Super Alloys Manufacturers Production Value

7.2.4 The Proportion of Single Crystal Nickel Based Super Alloys Production Sold in France and Sold Other Than France by Manufacturers

7.3 Single Crystal Nickel Based Super Alloys Export and Import in France

7.3.1 France Single Crystal Nickel Based Super Alloys Export Market

7.3.2 France Single Crystal Nickel Based Super Alloys Source of Imports

## **8 COVID-19 IMPACT: KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS**

8.1 PESTLE Analysis for France Single Crystal Nickel Based Super Alloys Market

8.2 Market Opportunities & Trends

8.3 Market Drivers

8.4 Market Restraints

## **9 COVID-19 IMPACT ON SINGLE CRYSTAL NICKEL BASED SUPER ALLOYS SUPPLY CHAIN ANALYSIS**

9.1 Supply Chain Analysis

9.2 Upstream Market Analysis

9.3 Downstream and Clients Market Analysis

9.4 Marketing Channels Analysis

9.4.1 Marketing Channels

9.4.2 Single Crystal Nickel Based Super Alloys Distributors and Sales Agents in France

## **10 CONCLUSION**

## **11 APPENDIX**

11.1 Note

11.2 Examples of Clients

11.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Key Players of Single Crystal Nickel Based Super Alloys in France
- Table 2. Top Players in France, Ranking by Revenue (2019)
- Table 3. France Single Crystal Nickel Based Super Alloys Revenue by Companies, (US\$, Mn), 2015-2020
- Table 4. France Single Crystal Nickel Based Super Alloys Revenue Share by Companies, 2015-2020
- Table 5. France Single Crystal Nickel Based Super Alloys Sales by Companies, (MT), 2015-2020
- Table 6. France Single Crystal Nickel Based Super Alloys Sales Share by Companies, 2015-2020
- Table 7. Key Manufacturers Single Crystal Nickel Based Super Alloys Price (2015-2020) (K USD/MT)
- Table 8. France Manufacturers Single Crystal Nickel Based Super Alloys Product Type
- Table 9. List of France Tier 1 Single Crystal Nickel Based Super Alloys Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 10. List of France Tier 2 and Tier 3 Single Crystal Nickel Based Super Alloys Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 11. By Type - Single Crystal Nickel Based Super Alloys Revenue in France (US\$, Mn), 2015-2020
- Table 12. By Type - Single Crystal Nickel Based Super Alloys Revenue in France (US\$, Mn), 2021-2026
- Table 13. By Type - Single Crystal Nickel Based Super Alloys Sales in France (MT), 2015-2020
- Table 14. By Type - Single Crystal Nickel Based Super Alloys Sales in France (MT), 2021-2026
- Table 15. By Application - Single Crystal Nickel Based Super Alloys Revenue in France, (US\$, Mn), 2015-2020
- Table 16. By Application - Single Crystal Nickel Based Super Alloys Revenue in France, (US\$, Mn), 2021-2026
- Table 17. By Application - Single Crystal Nickel Based Super Alloys Sales in France, (MT), 2015-2020
- Table 18. By Application - Single Crystal Nickel Based Super Alloys Sales in France, (MT), 2021-2026
- Table 19. IHI Corporate Summary
- Table 20. IHI Single Crystal Nickel Based Super Alloys Product Offerings



Table 21. IHI Single Crystal Nickel Based Super Alloys Sales (MT), Revenue (US\$, Mn) and Average Price (K USD/MT) (2015-2020)

Table 22. Cannon Muskegon Corporate Summary

Table 23. Cannon Muskegon Single Crystal Nickel Based Super Alloys Product Offerings

Table 24. Cannon Muskegon Single Crystal Nickel Based Super Alloys Sales (MT), Revenue (US\$, Mn) and Average Price (K USD/MT) (2015-2020)

Table 25. Single Crystal Nickel Based Super Alloys Production Capacity (MT) of Local Manufacturers in France, 2015-2020

Table 26. Single Crystal Nickel Based Super Alloys Production (MT) of Local Manufacturers in France, 2015-2020

Table 27. France Single Crystal Nickel Based Super Alloys Production Market Share of Local Manufacturers, 2015-2020

Table 28. Single Crystal Nickel Based Super Alloys Production Value (US\$, Mn) of Local Manufacturers in France, 2015-2020

Table 29. France Single Crystal Nickel Based Super Alloys Production Value Market Share of Local Manufacturers, 2015-2020

Table 30. The Percentage of Single Crystal Nickel Based Super Alloys Production Sold in France and Sold Other Than France by Manufacturers

Table 31. The Percentage of Single Crystal Nickel Based Super Alloys Production Sold in France and Sold Other Than France by Manufacturers

Table 32. Dangequojia Single Crystal Nickel Based Super Alloys Sales (Consumption), Production, Export and Import, 2015-2020

Table 33. Raw Materials and Suppliers

Table 34. Single Crystal Nickel Based Super Alloys Downstream Clients in France

Table 35. Single Crystal Nickel Based Super Alloys Distributors and Sales Agents in France

## List Of Figures

### LIST OF FIGURES

- Figure 1. Single Crystal Nickel Based Super Alloys Segment by Type
- Figure 2. Single Crystal Nickel Based Super Alloys Segment by Application
- Figure 3. Dangequojia Single Crystal Nickel Based Super Alloys Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Single Crystal Nickel Based Super Alloys Market Size in France, (US\$, Mn) & (MT): 2020 VS 2026
- Figure 6. France Single Crystal Nickel Based Super Alloys Revenue, 2015-2026 (US\$, Mn)
- Figure 7. Single Crystal Nickel Based Super Alloys Sales in France: 2015-2026 (MT)
- Figure 8. The Top 3 and 5 Players Market Share by Single Crystal Nickel Based Super Alloys Revenue in 2019
- Figure 9. By Type - France Single Crystal Nickel Based Super Alloys Incremental Growth, (US\$, Mn), 2015-2026
- Figure 10. By Type - France Single Crystal Nickel Based Super Alloys Market Share, 2015-2020
- Figure 11. By Type - France Single Crystal Nickel Based Super Alloys Market Share, 2020-2026
- Figure 12. By Type - France Single Crystal Nickel Based Super Alloys Price (K USD/MT), 2015-2026
- Figure 13. By Application - Single Crystal Nickel Based Super Alloys Revenue in France (US\$, Mn), 2020 & 2026
- Figure 14. By Application - France Single Crystal Nickel Based Super Alloys Market Share, 2015-2020
- Figure 15. By Application - France Single Crystal Nickel Based Super Alloys Market Share, 2020-2026
- Figure 16. By Application -France Single Crystal Nickel Based Super Alloys Price (K USD/MT), 2015-2026
- Figure 17. France Single Crystal Nickel Based Super Alloys Production Capacity (MT), 2015-2026
- Figure 18. France Single Crystal Nickel Based Super Alloys Actual Output (MT), 2015-2026
- Figure 19. France Single Crystal Nickel Based Super Alloys Production Value (US\$, Mn), 2015-2026
- Figure 20. The Percentage of France Single Crystal Nickel Based Super Alloys Export Destination, 2019

Figure 21. The Source of Imports of France Single Crystal Nickel Based Super Alloys, 2019

Figure 22. PEST Analysis for France Single Crystal Nickel Based Super Alloys Market in 2020

Figure 23. Single Crystal Nickel Based Super Alloys Market Opportunities & Trends in France

Figure 24. Single Crystal Nickel Based Super Alloys Market Drivers in France

Figure 25. Single Crystal Nickel Based Super Alloys Market Restraints in France

Figure 26. Single Crystal Nickel Based Super Alloys Industry Value Chain

## I would like to order

Product name: Single Crystal Nickel Based Super Alloys Market in France - Manufacturing and Consumption, Outlook and Forecast 2020-2026

Product link: <https://marketpublishers.com/r/SF576EB27F77EN.html>

Price: US\$ 2,700.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SF576EB27F77EN.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

