

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

<https://marketpublishers.com/r/SB595FA47F2BEN.html>

Date: April 2020

Pages: 92

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

ID: SB595FA47F2BEN

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 γ and makes the lattice misfit more negative. Atomic resolution experiments have shown that the Re occurs as clusters in the γ 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 India, including the following market information:

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

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

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

Top Five Competitors in India 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 India 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 India

Total Market by Segment:

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

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

Cast

Wrought

Powder Metallurgy

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

India 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 India, by Players 2015-2020 (Estimated), (\$ millions)

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

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

Total India 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 India 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: INDIA SINGLE CRYSTAL NICKEL BASED SUPER ALLOYS OVERALL MARKET SIZE

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

3 COMPANY LANDSCAPE

- 3.1 Top Single Crystal Nickel Based Super Alloys Players in India (including Foreign and Local Companies)
- 3.2 Top India Single Crystal Nickel Based Super Alloys Companies Ranked by Revenue
- 3.3 India Single Crystal Nickel Based Super Alloys Revenue by Companies (including Foreign and Local Companies)
- 3.4 India Single Crystal Nickel Based Super Alloys Sales by Companies (including Foreign and Local Companies)
- 3.5 India 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 India, by Revenue in 2019
- 3.7 India 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 India
 - 3.8.1 List of India Tier 1 Single Crystal Nickel Based Super Alloys Companies

3.8.2 List of India Tier 2 and Tier 3 Single Crystal Nickel Based Super Alloys Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - India 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 - India Single Crystal Nickel Based Super Alloys Revenue & Forecasts

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

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

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

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

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

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

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

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

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - India 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 - India Single Crystal Nickel Based Super Alloys Revenue & Forecasts

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

5.2.2 By Application - India Single Crystal Nickel Based Super Alloys Revenue, 2021-2026

5.2.3 By Application - India Single Crystal Nickel Based Super Alloys Revenue Market

Share, 2015-2026

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

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

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

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

5.4 By Application - India 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 India (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 India (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 India, Situation Analysis and Prediction, 2015-2026

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

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

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

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

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

7.2.2 India Key Local Single Crystal Nickel Based Super Alloys Manufacturers

Production

7.2.3 India 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 India and Sold Other Than India by Manufacturers

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

7.3.1 India Single Crystal Nickel Based Super Alloys Export Market

7.3.2 India 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 India 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 India

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 India

Table 2. Top Players in India, Ranking by Revenue (2019)

Table 3. India Single Crystal Nickel Based Super Alloys Revenue by Companies, (US\$, Mn), 2015-2020

Table 4. India Single Crystal Nickel Based Super Alloys Revenue Share by Companies, 2015-2020

Table 5. India Single Crystal Nickel Based Super Alloys Sales by Companies, (MT), 2015-2020

Table 6. India 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. India Manufacturers Single Crystal Nickel Based Super Alloys Product Type

Table 9. List of India Tier 1 Single Crystal Nickel Based Super Alloys Companies, Revenue (US\$, Mn) in 2019 and Market Share

Table 10. List of India 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 India (US\$, Mn), 2015-2020

Table 12. By Type - Single Crystal Nickel Based Super Alloys Revenue in India (US\$, Mn), 2021-2026

Table 13. By Type - Single Crystal Nickel Based Super Alloys Sales in India (MT), 2015-2020

Table 14. By Type - Single Crystal Nickel Based Super Alloys Sales in India (MT), 2021-2026

Table 15. By Application - Single Crystal Nickel Based Super Alloys Revenue in India, (US\$, Mn), 2015-2020

Table 16. By Application - Single Crystal Nickel Based Super Alloys Revenue in India, (US\$, Mn), 2021-2026

Table 17. By Application - Single Crystal Nickel Based Super Alloys Sales in India, (MT), 2015-2020

Table 18. By Application - Single Crystal Nickel Based Super Alloys Sales in India, (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 India, 2015-2020

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

Table 27. India 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 India, 2015-2020

Table 29. India 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 India and Sold Other Than India by Manufacturers

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

Table 32. Dangeguojia 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 India

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

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 India, (US\$, Mn) & (MT): 2020 VS 2026
- Figure 6. India Single Crystal Nickel Based Super Alloys Revenue, 2015-2026 (US\$, Mn)
- Figure 7. Single Crystal Nickel Based Super Alloys Sales in India: 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 - India Single Crystal Nickel Based Super Alloys Incremental Growth, (US\$, Mn), 2015-2026
- Figure 10. By Type - India Single Crystal Nickel Based Super Alloys Market Share, 2015-2020
- Figure 11. By Type - India Single Crystal Nickel Based Super Alloys Market Share, 2020-2026
- Figure 12. By Type - India Single Crystal Nickel Based Super Alloys Price (K USD/MT), 2015-2026
- Figure 13. By Application - Single Crystal Nickel Based Super Alloys Revenue in India (US\$, Mn), 2020 & 2026
- Figure 14. By Application - India Single Crystal Nickel Based Super Alloys Market Share, 2015-2020
- Figure 15. By Application - India Single Crystal Nickel Based Super Alloys Market Share, 2020-2026
- Figure 16. By Application -India Single Crystal Nickel Based Super Alloys Price (K USD/MT), 2015-2026
- Figure 17. India Single Crystal Nickel Based Super Alloys Production Capacity (MT), 2015-2026
- Figure 18. India Single Crystal Nickel Based Super Alloys Actual Output (MT), 2015-2026
- Figure 19. India Single Crystal Nickel Based Super Alloys Production Value (US\$, Mn), 2015-2026
- Figure 20. The Percentage of India Single Crystal Nickel Based Super Alloys Export Destination, 2019

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

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

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

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

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

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 India - Manufacturing and Consumption, Outlook and Forecast 2020-2026

Product link: <https://marketpublishers.com/r/SB595FA47F2BEN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SB595FA47F2BEN.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

