

100-GB25

Product Technical Information

Polypropylene-Homopolymer

100-GB25 is a narrow molecular weight homopolymer polypropylene intended for injection moulding applications.

Applications

- As a result of its high flow properties it is particularly recommended for high speed moulding in multi-cavity tooling

| Properties | | Test Methods | Values | Units |
|------------------------------------|--------------|--------------|--------|-------------------|
| Physical | | | | |
| Melt Flow Rate | 230°C/2.16kg | ISO 1133 | 25 | g/10min |
| Mechanical | | | | |
| Flexural Modulus | @23°C | ISO 178 | 1200 | MPa |
| Tensile Strength | @Yield | ISO 527-1,-2 | 32 | MPa |
| Izod impact strength, notched | @+23°C | ISO 180/1A | 3.2 | kJ/m ² |
| Charpy Impact Strength, notched | @+23°C | ISO 179/1eA | 2.4 | kJ/m ² |
| Thermal | | | | |
| HDT | @0.45 MPa | ISO 75/B | 102 | °C |

- Data should not be used for specification work



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Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to psnohreg@ineos.com.

Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained from the website www.ineospolyolefins.com. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

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