Manufacturer website: https://www.ineos.com/businesses/ineos-olefins-polymers/

100-GD02

Product Technical Information

100-GD02 is a polypropylene homopolymer with a nominal MFR of 2.0 g/10min.
It is suitable for biaxally oriented polypropylene (BOPP) film applications.
It has a stabilization package suitable for metallisation application.

Applications

- Flexible packaging
- Adhesive tape

Benefits and Features

- Good processability for tenter frame film
- High tenacity
- Good optical and barrier properties
- Suitable for metallisation application
- Low catalyst residue, low odour level

Properties	Conditions	Test Methods	Values	Units
Physical				
Melt Flow Rate	**230°C/2.16kg**	**ISO 1133-1**	**2**	**g/10min**
Mechanical				
Flexural Modulus	**23°C**	**ISO 178**	**1450**	**MPa**
Tensile Strength at Yield		**ISO 527-1,-2**	**31**	**MPa**
Thermal				
Melting Point		**ASTM D 3418**	**162**	**°C**

Data should not be used for specification work

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100-GD02

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.

Regulatory Information

The product and uses described herein may be subject to specific requirements or limitations for use in certain applications like food contact, drinking water or medical devices. Further information may be obtained from the website www.ineos.com where a specific Regulatory Certificate is available for each grade under the heading "SDS & Regulatory Certificate".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

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 Safety Data Sheet (SDS) that may be obtained from the website www.ineos.com. Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

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