151-GA02

Product Technical Information

Polypropylene - Homopolymer

151-GA02 is a homopolymer polypropylene intended for sheets extrusion applications requiring a good melt strength and a good processability

Applications

- Sheets
- Sheet for thermoforming

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230ºC/2.16kg	ISO 1133-1	2	g/10min
Mechanical				
Flexural Modulus	@23ºC	ISO 178	1300	MPa
Tensile Strength @Yield	@23°C	ISO 527-1,-2	34	MPa
Izod Impact Strength, notched	@23ºC	ISO 180/1A	4	kJ/m²
Thermal				
Melting Point		ASTM D 3417	160	ºC
Vicat Softening Temperature	@10 N	ISO 306/A	154	ºC
HDT	@0.45 MPa	ISO 75/B	92	ºC

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

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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 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. Unless specifically indicated, the products mentioned herein are not suitable for applications in the medical or pharmaceutical sector.

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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