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

101-GB08

Product Technical Information

Polypropylene – Homopolymer

101-GB08 is a versatile general purpose grade which can be used in many different applications, more especially suitable for biaxally oriented polypropylene (BOPP) film applications produced by the double bubble process.

Applications

- Flexible packaging - Film
- Housewares
- Garden furniture.
- General purpose and technical injection moulding
- Thermoforming
- Staple for needlepunched geotextiles

Benefits and Features

- Good processability and MFR consistency
- High degree of cleanliness
- Low odour level
- Low catalyst residue

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230ºC/2.16kg	ISO 1133	8	g/10min
Mechanical				
Flexural Modulus	@ 23ºC	ISO 178	1450	MPa
Tensile Strength	@ Yield	ISO 527-1,-2	32	MPa
Izod Impact Strength, notched	@ +23ºC	ISO 180/1A	4	kJ/m²
Charpy Impact Strength, notched	@ +23ºC	ISO 179/1eA	3.3	kJ/m²
Thermal				
Melting Point	ASTM D 3417		161	ºC

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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. 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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