

200-NA02

Product Technical Information

Polypropylene – Random Copolymer

200-NA02 is a highly clarified random copolymer for extrusion blow moulding, sheet extrusion and clear thermoformed packaging. It offers excellent melt strength, impact resistance and superior flexural modulus. This grade contains an additive which could generate a slight almond odor in the finished articles. As such, for food contact applications we recommend you establish its suitability prior to use.

Applications

- Extrusion blow moulded bottles
- Thermoformed clear packaging
- Transparent sheet

Benefits and Features

- Outstanding clarity
- Good processability
- Good impact resistance

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16kg	ISO 1133	2	g/10min
Mechanical				
Flexural Modulus	@23°C	ISO 178	1000	MPa
Tensile Strength	@Yield	ISO 527-1,-2	28	MPa
Izod Impact Strength, notched	@+23°C	ISO 180/1A	10	kJ/m ²
Charpy Impact Strength, notched	@+23°C	ISO 179/1eA	10	kJ/m ²
Thermal				
Melting Point		ASTM D 3417	149	°C
Vicat Softening Temperature	@10 N	ISO 306/A	131	°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. 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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