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101-CA06

Product Technical Information

Polypropylene-Homopolymer

101-CA06 is a fully formulated grade intended for sheet extrusion and thermoforming applications requiring high melt flow rate, improved transparency and higher stiffness than conventional polypropylene. This clarified grade is nucleated and contains a medium level of antistatic agent.
101-CA06 offers a balance of easy flow and good mechanical properties and has benefits such as very good optical properties, easy de-nesting and good thermal stability of end products.

Applications

- Manufacture of very transparent and rigid sheets for thermoformed food and non food containers
- Injection stretch blow moulding

Benefits and Features

- Improved clarity
- Good mechanical properties
- High crystallisation temperature for increased productivity

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230ºC/2.16kg	ISO 1133	6	g/10min
Mechanical				
Flexural Modulus	@23ºC	ISO 178	1750	MPa
Tensile Strength	@Yield	ISO 527-1,-2	38.5	MPa
Izod Impact Strength, notched	@+23ºC	ISO 180/1A	3	kJ/m²
Thermal				
Melting Point		ASTM D 3417	165	ºC
Crystallisation Temperature		ASTM D 3417	128	ºC
Vicat Softening Temperature	@10 N	ISO 306/A	156	ºC
HDT	@0.45 MPa	ISO 75/B	119	ºC

- 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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