194-NA25

Product Technical Information

Polypropylene - Homopolymer

194-NA25 is a high clarity injection moulding grade which can be used in many different applications. 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

- Consumer products
- Transparent containers
- Medical syringes

Benefits and Features

- Good processability
- Good optical properties
- Good clarity
- Good rigidity and strength

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230ºC/2.16kg	ISO 1133	25	g/10min
Mechanical				
Flexural Modulus	@23ºC	ISO 178	1750	MPa
Tensile Strength	@Yield	ISO 527-1,-2	38	MPa
Izod impact strength, notched	@+23ºC	ISO 180/1A	3	kJ/m²
Charpy Impact Strength, notched	@+23ºC	ISO 179/1eA	2	kJ/m²
Thermal				
HDT	@0.45 MPa	ISO 75/B	116	ºC
Optical				
Haze		ASTM D 1003	27	%

- 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.

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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