203-CA25

Product Technical Information

Polypropylene - Random Copolymer

Benefits & Features

203-CA25 is a clarified random copolymer with a medium ethylene content and good flow primarily intended for injection moulding of clear articles. It allows relatively low temperatures without loosing in transparency

- Clarified
- Antistatic
- Good flow

Applications

- Transparent thin wall injection moulding
- Caps and closures
- Housewares
- Clarified food containers

Properties	Conditions	Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	25	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1100	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	28	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	5	KJ/m2
Izod Impact Strength, notched	0°C	ISO 180/A	2.8	KJ/m2
Optical				
Haze	1mm Thickness	ASTM D 1003	15	%
Haze	2mm Thickness	ASTM D 1003	30	%
Thermal				
Crystallization Temperature	DSC	INEOS Test Method	120	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	86	°C
Vicat Softening Temperature	10N	ISO306/A50	130	°C

Data should not be used for specification work

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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.

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