

200-CA02

Product Technical Information

Polypropylene – Random Copolymer

200-CA02 is a highly clarified random copolymer with antistatic properties for extrusion blow moulding, sheet extrusion and clear thermoformed packaging. It offers a very high level of clarity, excellent melt strength and good impact resistance.

Benefits & Features

- Outstanding clarity
- Antistatic
- Good processability
- Good impact resistance

Applications

- Extrusion blow moulded containers for food packaging, cosmetics and household chemicals and detergents
- Thermoformed clear packaging
- Transparent sheet

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	190°C/2.16kg	ISO 1133-1	1.7	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1000	MPa
Izod Impact Strength, notched	23°C, A	ISO 180	10	kJ/m ²
Izod Impact Strength, notched	0°C, A	ISO 180	4.5	kJ/m ²
Tensile Strength at yield		ISO 527-1,-2	27	MPa
Vicat Softening Temperature	Method A (10N)	ISO 306	130	°C
Thermal				
Melting Point		ASTM D3418	147	°C
Data should not be used for specification work				

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.