



300-CA06

Product Technical Information

Polypropylene – Impact Copolymer

300-CA06 is a medium melt flow rate, antistatic and nucleated high rigidity impact copolymer for injection moulding applications. It offers excellent impact resistance and superior flexural modulus.

Benefits & Features

- Enhanced stiffness & Cycle time
- Superior impact/stiffness balance
- Antistatic
- Excellent processability

Applications

- Toys
- Housewares
- Pails
- Appliances

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	6	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1500	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	28	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	10	kJ/m ²
Izod Impact Strength, notched	-20°C	ISO 180/A	5	kJ/m ²
Charpy Impact Strength, notched	23°C	ISO 179/1eA	10	kJ/m ²
Charpy Impact Strength, notched	-20°C	ISO 179/1eA	5	kJ/m ²
Thermal				
Heat Deflection Temperature	0.45 MPa	ISO 75-2	109	°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.