



500-GA20

Product Technical Information

Polypropylene – Impact Copolymer.

500-GA20 is a high melt flow rate and very high impact copolymer for injection moulding applications.

Benefits & Features

- Very high impact resistance
- Very good thermal stability

Applications

- Consumer products
- Housewares
- Containers, car batteries
- Toys, compounds

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	20	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1000	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	23	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	35	kJ/m ²
Izod Impact Strength, notched	-20°C	ISO 180/A	6	kJ/m ²
Instrumented falling weight impact strength	-20°C	ISO 6603-2	19	J/mm
Thermal				
Heat Deflection Temperature	0.45 MPa	ISO 75-2	85	°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.