

# INEOS PP 500-GA20

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Message:

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

Applications

Consumer products

Housewares

Containers, car batteries

Toys, compounds

Benefits and Features

Very high impact resistance

Very good thermal stability

General Information			
Features	Good Thermal Stability		
	High Flow		
	Impact Copolymer		
	Ultra High Impact Resistance		
Uses	Battery Cases		
	Compounding		
	Consumer Applications		
	Containers		
	Household Goods		
	Toys		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	23.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-20°C	6.0	kJ/m²	
23°C	35	kJ/m²	
Drop Impact Resistance (-20°C)	190	J/cm	ISO 6603-2
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa,  
Unannealed)

85.0

°C

ISO 75-2/B

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#### Recommended distributors for this material

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