

Technical Data Sheet

Moplen BA238A



Polypropylene, Impact Copolymer

Product Description

Moplen BA238A is a non-filled copolymer with very high impact strength even at low temperature. Typical customer application is injection molding of bumpers suitable for painting, and applications with high impact resistance.

Application	Exterior Automotive Applications; Interior Automotive Applications
Market	Automotive; Consumer Products; Industrial Packaging
Processing Method	Injection Molding
Attribute	Good Processability; Good Toughness; Impact Copolymer; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	900	MPa	ASTM D790
Tensile Strength at Yield	19	MPa	ASTM D638
Impact			
Notched Izod Impact Strength			
(23 °C)	No Break		ASTM D256
(-20 °C)	120	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	60		ASTM D785
Thermal			
Vicat Softening Point	130	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm ²)	95	°C	ASTM D648