
General Information

Product Description

 Properties shown below for an extrusion grade high-impact copolymer polypropylene.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Copolymer	• Good Stiffness	• High Impact Resistance
Appearance	• Colors Available		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	25.0	MPa	ASTM D638
Tensile Elongation ² (Break)	900	%	ASTM D638
Flexural Modulus ³	1050	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	94.0	°C	ASTM D648

Additional Information

 Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted

Notes
¹ Typical properties: these are not to be construed as specifications.

² 50 mm/min

³ 1.3 mm/min
