Maxxam™ MX5200-5003 X9 BLACK

Polypropylene Alloy

Key Characteristics

Product Description			
Polypropylene Alloy black (PP/PA)			
General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• High Strength	• Impact Copolymer	
Uses	• Consumer Applications	• General Purpose	• Industrial Applications
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	0.970	0.970	ISO 1183
Melt Mass-Flow Rate (MFR) (235°C/5.0 kg)	< 22 g/10 min	< 22 g/10 min	ISO 1133
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Modulus	174000 psi	1200 MPa	ISO 527-2
Tensile Strength (Yield)	3340 psi	23.0 MPa	ISO 527-2
Tensile Elongation (Break)	80 to 90 %	80 to 90 %	ISO 527-2
Impact	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Charpy Notched Impact Strength (73°F (23°C))	10 ft·lb/in²	22 kJ/m²	ISO 179
Charpy Unnotched Impact Strength	No Break	No Break	ISO 179

Notes

[1] Typical values are not to be construed as specifications.