Maxxam™ EP6713 B1

Polypropylene Copolymer

Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Copolymer		
Uses	• Automotive Applications • Construction Applications	• Consumer Applications • General Purpose	• Industrial Applications
Automotive Specifications	• CHRYSLER MS-DB-500 CPN 4544	• FORD WSS-M4D841-A6	• GM GMP.PP.122
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Blow Molding	• Extrusion	

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	0.990	0.990	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.60 g/10 min	0.60 g/10 min	ISO 1133
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Stress (Yield)	4500 psi	31.0 MPa	ISO 527-2
Tensile Strain (Yield)	6.0 %	6.0 %	ISO 527-2
Tensile Strain (Break)	100 %	100 %	ISO 527-2
Flexural Modulus	330000 psi	2280 MPa	ISO 178
Impact	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Charpy Notched Impact Strength	9.5 ft·lb/in²	20 kJ/m²	ISO 179
Thermal	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Heat Deflection Temperature			ISO 75-2/B
66 psi (0.45 MPa), Unannealed	226 °F	108 °C	

Notes

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