

Technical Data Sheet

Polyfort CP0438T20A14140

Polypropylene Copolymer

Product Description

Polyfort CP0438T20A14140 is a Polypropylene Copolymer Talc, 20% filled material. Features include: Copolymer, and High Flow.

Attribute Copolymer; High Flow

Forms Pellets

Filler/Reinforcement Talc, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate	15	g/10 min	ASTM D1238
Density - Specific Gravity	1.04	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	4	%	ASTM D638
Tensile Strength at Yield	17	MPa	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Tensile Modulus	1400	MPa	ASTM D638
Flexural Strength	32	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	100	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	65		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	58	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	105	°C	ASTM D648