

Product Texts

Hybrids & High-tech

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	0.6	MPa	ASTM D 412
Shore A Hardness	35	-	ASTM D 2240
Tear Strength	15	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	28	%	ASTM D 395
Tensile Strength at Break	4.7	MPa	ASTM D 412
Elongation at Break	800	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3	h	-
Melt temperature	190 - 230	°C	-
Mold temperature	20 - 40	°C	-
Nozzle temperature	240	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3	h	-
Melt temperature	190 - 230	°C	-
Mold temperature	20 - 40	°C	-
Nozzle temperature	240	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, Asia Pacific, South and Central America

Certifications

RoHS compliant