

Product Texts

Hybrids & High-tech

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	2.5	MPa	ASTM D 412
Shore A Hardness	65	-	ASTM D 2240
Tear Strength	32	kN/m	ASTM D 624
Tensile Strength at Break	18	MPa	ASTM D 412
Elongation at Break	520	%	ASTM D 412
Other Standards^{S1}			
Abrasion resistance	60	mm ³	DIN 53516

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1040	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	170 - 190	°C	-
Mold temperature	20 - 40	°C	-
Nozzle temperature	190	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3	h	-
Melt temperature	170 - 190	°C	-
Mold temperature	20 - 40	°C	-
Nozzle temperature	190	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

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

Certifications

RoHS compliant