XELTER® Tech A11/A21A50-XXX-YYY

TPE | Sirmax S.p.A.

Product Texts

Hybrids & High-tech

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	**1.6**	MPa	ASTM D 412
Shore A Hardness	**50**	-	ASTM D 2240
Tear Strength	**21**	kN/m	ASTM D 624
Tensile Strength at Break	**13**	MPa	ASTM D 412
Elongation at Break	**560**	%	ASTM D 412
Other Standards[S]			
Abrasion resistance	**80**	mm³	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	**1020**	kg/m³	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