

Product Texts

Topolymer® 5221-553N is completely recyclable.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	16	MPa	ASTM D 412
Shore D Hardness	55	-	ASTM D 2240
Tear Strength	10	kN/m	ASTM D 624
Tensile Strength at Break	20	MPa	ASTM D 412
Elongation at Break	180	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1080	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	wire/cable	-	-
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	190 - 240	°C	-
Zone 1	160 - 180	°C	-
Zone 2	190 - 240	°C	-
Zone 3	190 - 240	°C	-

Characteristics

Processing

Other Extrusion

Features

Copolymer

Delivery form

Pellets, Natural Color

Applications

Electrical and Electronical

Special Characteristics

Flame retardant, Halogen-free, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

Asia Pacific