

Product Texts

Topolymer® 5711-851B is completely recyclable.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	4.5	MPa	ASTM D 412
Shore A Hardness	86	-	ASTM D 2240
Tear Strength	22	kN/m	ASTM D 624
Tensile Strength at Break	11	MPa	ASTM D 412
Elongation at Break	650	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94

Other properties	Value	Unit	Test Standard
Density	1020	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	2 - 3	h	-
Mold temperature	40 - 60	°C	-
Zone 1	160 - 180	°C	-
Zone 2	180 - 210	°C	-
Zone 3	180 - 210	°C	-
Screw speed	100 - 200	rpm	-
Back pressure	0.35 - 0.7	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

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

Features

Soft Feel

Applications

Automotive, Electrical and Electronical

Regional Availability

Asia Pacific