

Product Texts

Tophane™ 2180E is completely recyclable.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	5.1	MPa	ASTM D 412
Modulus at 300% Elongation	2.9	MPa	ASTM D 412
Shore A Hardness	80	-	ASTM D 2240
Tear Strength	71.4	kN/m	ASTM D 624
Tensile Strength at Break	30.6	MPa	ASTM D 412
Elongation at Break	800	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1170	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	90 - 110	°C	-
Pre-drying - Time	3 - 4	h	-
Zone 1	170 - 180	°C	-
Zone 2	180 - 200	°C	-
Zone 3	190 - 210	°C	-

Characteristics

Processing

Pipe/Tube Extrusion, Other Extrusion

Applications

Electrical and Electronical, Sports Equipment

Delivery form

Pellets

Regional Availability

Asia Pacific

Chemical Resistance

General Chemical Resistance, Oil Resistance