

Sipolprene® 25170 L3
TPC

Sipol spa Società Italiana Polimeri

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	13	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	2.16	kg	-
Density, 73°F	1100	kg/m³	ASTM D 792
Water Absorption, 24hr	0.8	%	ASTM D 570

Mechanical Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	22	MPa	ASTM D 638
Elongation at Break	800	%	ASTM D 638
Flexural Modulus	30	MPa	ASTM D 790
Shore Hardness D (15s)	27	-	ASTM D 2240
Notched Impact Strength (Izod), 1/8 in	no break	J/m	ASTM D 256
Notched Impact Strength (Izod), Low-Temperature	no break	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal Properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	173	°C	ASTM D 3418
Vicat Temperature	73	°C	ASTM D 1525

Characteristics
Processing

Injection Molding, Other Extrusion

Additives

Lubricants