

Sipolprene® 58210 B
(TPC-ET)

Sipol spa Società Italiana Polimeri

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	23	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	44	MPa	ISO 527
Strain at break	550	%	ISO 527
Flexural modulus, 23°C	230	MPa	ISO 178
Shore D hardness	58	-	ISO 7619-1
ASTM Data			
Taber Abrasion Resistance	45	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	40	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	211	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	-8	°C	ISO 11357-1/-2
Vicat softening temperature, A	190	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Black

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa