

Sipolprene® 68217

(TPC-ET)

Sipol spa Società Italiana Polimeri

Product Texts

Black colour and/or UV stabilised and/or heat stabilised are all available in dry blend version on request.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Stress at break	54	MPa	ISO 527
Strain at break	450	%	ISO 527
Flexural modulus, 23°C	550	MPa	ISO 178
Shore D hardness	68	-	ISO 7619-1
ASTM Data			
Taber Abrasion Resistance	35	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	15	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	217	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	27	°C	ISO 11357-1/-2
Vicat softening temperature, A	208	°C	ISO 306

Other properties

	Value	Unit	Test Standard
Density	1250	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Natural Color

Certifications

Food contact, Food approval 10/2011

Regional Availability

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