

Product Texts

Base Polymer	PP/EPDM
Filler	10% talc
Colour	black
Special Features	-
Market Segment	Automotive, Various

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	14	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Melt flow index, MFI	11	g/10min	ISO 1133
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Tensile Strength	15	MPa	ISO 527
Strain at break	80	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
Flexural strength	21	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	40	kJ/m ²	ISO 179/1eA
Shore D hardness	55	-	ISO 7619-1

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	164	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	54	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, B	54	°C	ISO 306

Other properties

	Value	Unit	Test Standard
Density	970	kg/m ³	ISO 1183

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	60 - 100	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	200 - 270	°C	-
Mold temperature	20 - 60	°C	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Delivery form

Black

Regional Availability

Europe

Certifications

Recycled Resin Content