

**Product Texts**

Base Polymer	PP/EPDM
Filler	20% talc
Colour	black
Special Features	-
Market Segment	Automotive

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	12	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Melt flow index, MFI	10	g/10min	ISO 1133
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0	%	ISO 294-4, 2577

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1700	MPa	ISO 527
Tensile Strength	17	MPa	ISO 527
Strain at break	45	%	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178
Flexural strength	23	MPa	ISO 178
Charpy impact strength, +23°C	105	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	35	kJ/m <sup>2</sup>	ISO 179/1eA
Shore D hardness	53	-	ISO 7619-1

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	163	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	62	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	106	°C	ISO 75-1/-2
Vicat softening temperature, B	54	°C	ISO 306

**Other properties**

	Value	Unit	Test Standard
Density	1040	kg/m <sup>3</sup>	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**

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