

Technical Data Sheet



WIPELAST TV 20 BK

MOCOM

Base Polymer	Thermoplastic Olefin Elastomer
Filler/Additive System	20 % talcum
Colour	black
Special Features	contains recycled material, processing stabilised, heat stabilised
Market Segment	Automotive, Machinery, electrical and electronic, building and construction, sport and leisure, do-it-yourself
Typical Applications	injection moulded parts

Pre-Drying Conditions	in a dry air (dessiccant) dryer 60-100 °C for 2-4 h in an air circulating dryer 60-100 °C for 2-4 h max. moisture content <0,10 %
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Processing Injection Moulding	melt temperature 200-250 °C mould temperature 20-60 °C
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Storage	dry, protected from light tightly sealed
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Properties	Value	Dimension	Test Norm
Mechanical Properties			
Flexural Modulus	1400	MPa	ISO 178
Flexural Strength	23	MPa	ISO 178
Tensile Modulus	1700	MPa	ISO 527
Tensile Strength at Break	17	MPa	ISO 527
Tensile Elongation at Break	45	%	ISO 527
Impact Strength (Charpy, 23°C)	105	kJ/m ²	ISO 179/1eU
Impact Strength (Charpy, -40°C)	68	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	35	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy, -40°C)	4.3	kJ/m ²	ISO 179/1eA
Thermal Properties			
HDT / A (1,8 MPa)	62	°C	ISO 75-1/-2
Rheological Properties			
Melt Index (MVR)	12	cm ³ /10min	ISO 1133
MVR temperature	230	°C	-
MVR load	2.16	kg	-
Physical Properties			
Density	1040	kg/m ³	ISO 1183
Ecological Properties			
Global Warming Potential (GWP)	0.58	kg CO ₂ eq./kg	ISO 14040, 14044