

Technical Data Sheet



WIPAFLEX TV 10 BK

MOCOM

Base Polymer	Thermoplastic Olefin Elastomer
Filler/Additive System	10 % 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	1000	MPa	ISO 178
Flexural Strength	20	MPa	ISO 178
Tensile Modulus	1200	MPa	ISO 527
Tensile Strength at Break	15	MPa	ISO 527
Tensile Elongation at Break	40	%	ISO 527
Impact Strength (Charpy, 23 °C)	95	kJ/m ²	ISO 179/1eU
Impact Strength (Charpy, -40 °C)	31	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23 °C)	25	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy, -40 °C)	2.5	kJ/m ²	ISO 179/1eA
Thermal Properties			
HDT / A (1,8 MPa)	56	°C	ISO 75-1/-2
Rheological Properties			
Melt Index (MVR)	13	cm ³ /10min	ISO 1133
MVR temperature	230	°C	-
MVR load	2.16	kg	-
Physical Properties			
Density	980	kg/m ³	ISO 1183
Ecological Properties			
Global Warming Potential (GWP)	0.6	kg CO ₂ eq./kg	ISO 14040, 14044