

TECNOPRENE® FK6T1 LE

Rheological properties

Moulding shrinkage, parallel	0.5 %	ISO 294-4, 2577
Moulding shrinkage range, parallel	0.3 - 0.6 %	ISO 294-4, 2577
Moulding shrinkage, normal	0.8 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.7 - 1.0 %	ISO 294-4, 2577

Typical mechanical properties

Tensile Modulus	6700 MPa	ISO 527-1/-2
Stress at break, 5mm/min	83 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.5 %	ISO 527-1/-2
Flexural Modulus	6600 MPa	ISO 178
Charpy impact strength, 23°C	57 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	14 kJ/m ²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	153 °C	ISO 75-1/-2
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Other properties

Density	1130 kg/m ³	ISO 1183
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Injection

Drying Temperature	80 - 100 °C	
Drying Time, Dehumidified Dryer	2 - 3 h	
Melt Temperature Optimum	245 °C	Internal
Max. mould temperature	50 - 80 °C	

Other Approvals

Other Approvals	OEM	Specification	Additional Information
	Stellantis - Chrysler	CPN 3580	Black, Evansville, IN, USA and Silao, Gto, Mexico - MS-DB-500
	GM	GMW16607P-PP-GF30	Black, Evansville, IN, USA and Silao, Gto, Mexico

