

TEDUR L 9410-1

(PPS+PTFE)-(GF+MD)45

MOCOM Compounds GmbH & Co. KG

Product Texts

Base Polymer	Polyphenylene Sulphide
Filler/Additive System	45 % glass fibre/mineral,15 % PTFE
Special Features	improved sliding / wear,high stiffness,low warpage
Market Segment	Automotive,Machinery
Typical Applications	bearings and sliding elements,functional components

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	15000	MPa	ISO 527
^[C] Stress at break	110	MPa	ISO 527
^[C] Strain at break	1	%	ISO 527

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	278	°C	ISO 75-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1890	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa

Other text information**Injection molding**

Pre-Drying Conditions	in a dry air (dessiccant) dryer 130-140 °C for 2-4 h dependant on moisture content
Processing Injection Moulding	melt temperature 320-340 °C mould temperature >140 °C
Storage	dry, protected from light not above 30°C