

TALCOPRENE® 540TL2 LE

Polypropylene, homopolymer, mineral filled, heat stabilized, low emission.

Typical mechanical properties

Tensile Modulus	3500 MPa	ISO 527-1/-2
Yield stress, 50mm/min	29 MPa	ISO 527-1/-2
Yield strain, 50mm/min	3.2 %	ISO 527-1/-2
Strain at break, 50mm/min	10 %	ISO 527-1/-2
Flexural Modulus	3200 MPa	ISO 178
Flexural Strength	48 MPa	ISO 178
Charpy impact strength, 23°C	25 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	2.6 kJ/m ²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	74 °C	ISO 75-1/-2
---	-------	-------------

Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	UL 94
Burning Behav. at thickness h	HB class	UL 94

Other properties

Density	1250 kg/m ³	ISO 1183
---------	------------------------	----------

Injection

Drying Temperature	80 - 100 °C	
Drying Time, Dehumidified Dryer	2 - 3 h	
Melt Temperature Optimum	215 °C	Internal
Max. mould temperature	30 - 60 °C	

Characteristics

Additives	Mineral Filler
-----------	----------------

Processing Texts

Longer pre-drying times/storage	This product should be stored in a covered facility and kept away from moisture and heat.
---------------------------------	---

Other Approvals

Other Approvals	OEM	Specification	Additional Information
	Bosch	N28 BN09-TS027	Natural & Black
	VW Group		no spec, special part approval

Printed: 2023-09-22

