

TALCOPRENE® 1540TLT2

Polypropylene, homopolymer, mineral filled, high heat stabilization, low emission

Typical mechanical properties

Tensile Modulus	3500 MPa	ISO 527-1/-2
Yield stress, 50mm/min	27 MPa	ISO 527-1/-2
Yield strain, 50mm/min	3.2 %	ISO 527-1/-2
Flexural Modulus	3700 MPa	ISO 178
Flexural Strength	47 MPa	ISO 178
Charpy impact strength, 23°C	24 kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	11 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	2.2 kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	1.8 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	2.5 kJ/m ²	ISO 180/1A

Thermal properties

Melting temperature, 10°C/min	161 °C	ISO 11357-1/-3
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Flammability

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

Other properties

Density	1270 kg/m ³	ISO 1183
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Injection

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

Processing Texts

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