

TALCOPRENE® 1522SMT U1

Polypropylene, homopolymer, 21% mineral filled, high heat and UV stabilized

Typical mechanical properties

Tensile Modulus	2300 MPa	ISO 527-1/-2
Yield stress, 50mm/min	30 MPa	ISO 527-1/-2
Yield strain, 50mm/min	4 %	ISO 527-1/-2
Flexural Modulus	2450 MPa	ISO 178
Flexural Strength	40 MPa	ISO 178
Charpy impact strength, 23°C	28 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	3 kJ/m ²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	65 °C	ISO 75-1/-2
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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	1060 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.

