

TALCOPRENE® 1522SMT U1

TALCOPRENE®

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

Product information

Resin Identification	PP-T21	ISO 1043
Part Marking Code	>PP-T21<	ISO 11469

Rheological properties

Melt mass-flow rate	15 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile modulus	2300 MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	30 MPa	ISO 527-1/-2
Tensile strain at yield, 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
Poisson's ratio	0.39 ^[C]	

[C]: Calculated

Thermal properties

Melting temperature, 10°C/min	164 °C	ISO 11357-1/-3
Temperature of deflection under load, 1.8 MPa	65 °C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	91 °C	ISO 306

Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	IEC 60695-11-10
Burning Behav. at thickness h	HB class	IEC 60695-11-10
Thickness tested	3.2 mm	IEC 60695-11-10

Physical/Other properties

Density	1060 kg/m ³	ISO 1183
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Additional information

Processing Notes

Storage

This product should be stored in a covered facility and kept away from moisture and heat.