POLIFOR® 20 TRMU2505 H-R

Polypropylene, homopolymer, 25% talc + 5% mica filled, heat and copper contact stabilised.

Rheological properties

Melt mass-flow rate	18	g/10min	ISO 1133
Melt mass-flow rate, Temperature	230	°C	
Melt mass-flow rate, Load	2.16	kg	

Typical mechanical properties

Tensile Modulus	4000	MPa	ISO 527-1/-2
Yield stress, 50mm/min	32	MPa	ISO 527-1/-2
Yield strain, 50mm/min	4	%	ISO 527-1/-2
Strain at break, 50mm/min	10	%	ISO 527-1/-2
Flexural Modulus	3900	MPa	ISO 178
Charpy impact strength, 23°C	30	kJ/m²	ISO 179/1eU
Charpy notched impact strength, 23°C	2	kJ/m²	ISO 179/1eA
Izod notched impact strength, 23°C	3	kJ/m²	ISO 180/1A

Thermal properties

Temp. of deflection under load, 1.8 MPa	70	°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	1130	kg/m³	ISO 1183

Injection

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

Characteristics

Additives	Metal deactivator, 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.

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