

# 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	

## 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, 5mm/min	10 %	ISO 527-1/-2
Flexural Modulus	3900 MPa	ISO 178
Charpy impact strength, 23°C	30 kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, 23°C	2 kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, 23°C	3 kJ/m <sup>2</sup>	ISO 180/1A

## Thermal properties

Temp. of deflection under load, 1.8 MPa	70 °C	ISO 75-1/-2
Vicat softening temperature, 50°C/h, 50N	102 °C	ISO 306

## Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	UL 94
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## Other properties

Density	1130 kg/m <sup>3</sup>	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

## Characteristics

Additives	Metal deactivator
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## 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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