

POLIFOR® E25 TR/15 UV

POLIFOR®

Product information

Resin Identification	PP-T15	ISO 1043
Part Marking Code	>PP-T15<	ISO 11469

Rheological properties

Melt mass-flow rate	26 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile stress at yield, 50mm/min	20 MPa	ISO 527-1/-2
Tensile strain at break, 50mm/min	50 %	ISO 527-1/-2
Flexural modulus	1550 MPa	ISO 178
Flexural strength	28 MPa	ISO 178
Charpy impact strength, 23°C	91 kJ/m ²	ISO 179/1eU
Izod notched impact strength, 23°C	10 kJ/m ²	ISO 180/1A

Thermal properties

Temperature of deflection under load, 0.45 MPa	102 °C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	60 °C	ISO 306

Flammability

FMVSS Class	B	ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	76.6 mm/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	1010 kg/m ³	ISO 1183
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