

# POLIFOR® 10 TR/40

## POLIFOR®

Polypropylene, homopolymer, 40% Talc filled.

### Product information

Resin Identification	PP-T40	ISO 1043
Part Marking Code	>PP-T40<	ISO 11469

### Rheological properties

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

### Typical mechanical properties

Tensile modulus	4300 MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	28 MPa	ISO 527-1/-2
Flexural modulus	4100 MPa	ISO 178
Flexural strength	45 MPa	ISO 178
Charpy impact strength, 23°C	20 kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, 23°C	1.6 kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, 23°C	2.1 kJ/m <sup>2</sup>	ISO 180/1A
Poisson's ratio	0.36 <sup>[C]</sup>	

[C]: Calculated

### Thermal properties

Vicat softening temperature, 50°C/h 50N	98 °C	ISO 306
---	-------	---------

### Physical/Other properties

Density	1270 kg/m <sup>3</sup>	ISO 1183
---------	------------------------	----------

### Characteristics

Processing	Injection Moulding
------------	--------------------

### Additional information

Processing Notes

### Storage

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