

POLIFOR[®] 15 T/20 H-R

POLIFOR®

Polypropylene, homopolymer, 20% mineral filled, heat and copper contact stabilized

| Product information Resin Identification Part Marking Code | | PP-T20 >PP-T20< | | ISO 1043 ISO 11469 |
|---|---|---|--------------------------------|---|
| Rheological properties Melt mass-flow rate Melt mass-flow rate, Temperature Melt mass-flow rate, Load Moulding shrinkage range, parallel Moulding shrinkage range, normal | | 12 230 2.16 1.3 - 1.6 1 - 1.3 | kg % | ISO 1133 ISO 294-4, 2577 ISO 294-4, 2577 |
| Typical mechanical properties Tensile stress at yield, 50mm/min Tensile strain at break, 50mm/min Flexural modulus Charpy impact strength, 23°C Charpy notched impact strength, 23°C Izod notched impact strength, 23°C | C | 20 2500 35 2.3 | | ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 179/1eU ISO 179/1eA ISO 180/1A |
| Thermal properties Temperature of deflection under load, 1.8 MPa Temperature of deflection under load, 0.45 MPa Vicat softening temperature, 50°C/h 50N | | 108 | 0° 0° 0° | ISO 75-1/-2 ISO 75-1/-2 ISO 306 |
| Flammability Burning Behav. at 1.5mm nom. thickn Burning Behav. at thickness h Thickness tested FMVSS Class Burning rate, Thickness 1 mm | | HB 3.2 B | class class mm mm/min | IEC 60695-11-10 IEC 60695-11-10 IEC 60695-11-10 ISO 3795 (FMVSS 302) ISO 3795 (FMVSS 302) |
| Physical/Other properties Density | | 1070 | kg/m³ | ISO 1183 |
| Characteristics | | | | |
| Processing Additives | Injection Moulding Metal deactivator, Mineral Filler | | | |
| Special characteristics | Heat stabilised or stable to heat | | | |





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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.

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