# POLIFOR® C1 TR/30

POLIFOR®

Polypropylene, copolymer, 30% mineral filled, low flow

## Product information

| | | | |
|---|---|---|---|
| Resin Identification | PP-T30 | | ISO 1043 |
| Part Marking Code | >PP-T30< | | ISO 11469 |

## Rheological properties

| | | | |
|---|---|---|---|
| Melt mass-flow rate | 1.8 | g/10min | ISO 1133 |
| Melt mass-flow rate, Temperature | 446 | °F | |
| Melt mass-flow rate, Load | 4.76 | lb | |

## Typical mechanical properties

| | | | |
|---|---|---|---|
| Tensile modulus | 493000 | psi | ISO 527-1/-2 |
| Tensile stress at yield, 50mm/min | 3900 | psi | ISO 527-1/-2 |
| Tensile strain at yield, 50mm/min | 4.5 | % | ISO 527-1/-2 |
| Flexural modulus | 450000 | psi | ISO 178 |
| Charpy impact strength, 23°C | 35.7 | ftlb/in² | ISO 179/1eU |
| Charpy impact strength, -30°C | 9.51 | ftlb/in² | ISO 179/1eU |
| Charpy notched impact strength, 23°C | 4.04 | ftlb/in² | ISO 179/1eA |

## Thermal properties

| | | | |
|---|---|---|---|
| Temperature of deflection under load, 1.8 MPa | 162 | °F | ISO 75-1/-2 |
| Vicat softening temperature, 50°C/h 50N | 181 | °F | ISO 306 |

## Flammability

| | | | |
|---|---|---|---|
| Burning Behav. at 1.5mm nom. thickn. | HB | class | IEC 60695-11-10 |
| Burning Behav. at thickness h | HB | class | IEC 60695-11-10 |
| Thickness tested | 0.1260 | in | IEC 60695-11-10 |

## Physical/Other properties

| | | | |
|---|---|---|---|
| Density | 0.0412 | lb/in³ | ISO 1183 |

## Characteristics

| | |
|---|---|
| Processing | Extrusion |

## Additional information

Processing Notes

### Storage

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



Revised: 2024-01-23 Source: Celanese Materials Database

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