POLIFOR® C20 TR/30 UV

POLIFOR®

Polypropylene, copolymer, 30% mineral filled, UV stabilised

Product information

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

Rheological properties

Melt mass-flow rate	15	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	276000	psi	ISO 527-1/-2
Tensile stress at yield, 50mm/min	2600	psi	ISO 527-1/-2
Tensile strain at yield, 50mm/min	3.3	%	ISO 527-1/-2
Nominal strain at break	25	%	ISO 527-1/-2
Flexural modulus	276000	psi	ISO 178
Charpy impact strength, 23°C	28.5	ftlb/in²	ISO 179/1eU
Charpy impact strength, -30°C	11.9	ftlb/in²	ISO 179/1eU
Charpy notched impact strength, 23°C	2.62	ftlb/in²	ISO 179/1eA
Charpy notched impact strength, -30°C	0.951	ftlb/in²	ISO 179/1eA
Izod notched impact strength, 23°C	2.62	ftlb/in²	ISO 180/1A

Thermal properties

Temperature of deflection under load, 1.8 MPa	145	°F	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	136	°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
FMVSS Class	B		ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	3.07	in/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	0.0415	lb/in³	ISO 1183

Automotive

OEM	STANDARD	ADDITIONAL INFORMATION
Mercedes-Benz	DBL5416	(5416.90), Black(Nero)
Stellantis	B62 0300 / 61/AD1/U4/W1/210E/22/C1/C1B	01994_17_00166

Revised: 2026-08-12 Source: Celanese Materials Database

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Characteristics

Processing	Injection Molding
Special characteristics	U.V. stabilized or stable to weather

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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