TECNOPRENE® 3K6ELV0

TECNOPRENE®

PP copolymer, 30% glass fiber reinforced, chemical bonded, elastomer modified, V0

Product information

Resin Identification	PP-GF30		ISO 1043
Part Marking Code	>PP-GF30<		ISO 11469

Rheological properties

Melt mass-flow rate	3.4	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	972000	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	7830	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	3	%	ISO 527-1/-2
Flexural modulus	972000	psi	ISO 178
Flexural stress at 3.5%	12800	psi	ISO 178
Charpy notched impact strength, 23°C	9.51	ftlb/in²	ISO 179/1eA

Thermal properties

Temperature of deflection under load, 1.8 MPa	239	°F	ISO 75-1/-2

Flammability

Burning Behav. at 1.5mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	0.0591	in	IEC 60695-11-10
UL recognition	yes		UL 94
Burning Behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.0984	in	IEC 60695-11-10
UL recognition	yes		UL 94
Burning Behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	0.0984	in	IEC 60695-11-20
UL recognition	yes		UL 94

Physical/Other properties

Density	0.0527	lb/in³	ISO 1183

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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