TECNOPRENE® VKB35HCTR

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Polypropylene, homopolymer, 25% glass beads and 15% glass fiber reinforced, chemically coupled, heat and copper contact stabilized

Product information

Resin Identification	PP-(GF+GB)40	ISO 1043
Part Marking Code	>PP-(GF+GB)40<	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	798000	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	9570	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	2.8	%	ISO 527-1/-2
Flexural modulus	783000	psi	ISO 178
Flexural strength	14500	psi	ISO 178
Charpy impact strength, 23°C	14.3	ftlb/in²	ISO 179/1eU
Charpy notched impact strength, 23°C	2.62	ftlb/in²	ISO 179/1eA
Izod notched impact strength, 23°C	2.85	ftlb/in²	ISO 180/1A

Thermal properties

Temperature of deflection under load, 1.8 MPa	288	°F	ISO 75-1/-2

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	0.044	lb/in³	ISO 1183

Automotive

OEM	STANDARD
VW Group	VW 44045

Characteristics

Processing	Injection Molding
Additives	Metal deactivator
Special characteristics	Heat stabilized 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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