

TECNOPRENE® A60K6U - PP

Description

Polypropylene, 30% glass fiber reinforced, chemical bonded

Physical properties	Value	Unit	Test Standard
Density	70.5	lb/ft ³	ISO 1183
Melt flow rate, MFR	2.9	g/10min	ISO 1133
MFR temperature	446	°F	ISO 1133
MFR load	4.76	lb	ISO 1133

Mechanical properties	Value	Unit	Test Standard
Tensile stress at break, 5mm/min	12800	psi	ISO 527-1, -2
Flexural modulus, 23°C	870000	psi	ISO 178
Charpy impact strength, 23°C	19	ft-lb/in ²	ISO 179/1eU
Charpy notched impact strength, 23°C	5.71	ft-lb/in ²	ISO 179/1eA
Izod impact notched, 23°C	4.9	ft-lb/in ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
DTUL at 1.8 MPa	298	°F	ISO 75-1, -2
DTUL at 0.45 MPa	318	°F	ISO 75-1, -2
Vicat softening temperature, 50°C/h 50N	279	°F	ISO 306
Flammability @3.2mm nom. thickn.	HB	class	UL 94

Characteristics

Special Characteristics Auto spec approved

Other Approvals

OEM	Specification	Additional Information
Bosch	N28 BN09-GF017	Black