

Product Texts

Polypropylene, homopolymer, 10% glass fiber reinforced, chemically coupled, V0, halogen free

Flammability @3.2mm nom. thickn. V-0 -
 Flammability at thickness h (1.6 mm) V-0 UL recognition (h)

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.9	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	4100	MPa	ISO 527
^[C] Stress at break	45	MPa	ISO 527
^[C] Strain at break	4	%	ISO 527
^[C] Charpy notched impact strength, +23°C	4.5	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	122	°C	ISO 75-1/-2
^[C] Burning Behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1160	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Features

Chemically Coupled Reinforcement, Homopolymer

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

North America, South and Central America