

Product Texts

Polypropylene, homopolymer, 30% glass fiber reinforced, chemically coupled, suggested for use until 120°C as max operating temperature

Flammability @3.2mm nom. HB thickn.		-
Flammability at thickness h (1.5 mm) HB		UL recognition (h)

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.6	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	6700	MPa	ISO 527
^[C] Stress at break	85	MPa	ISO 527
^[C] Strain at break	3.5	%	ISO 527
^[C] Charpy impact strength, +23°C	60	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	13	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	148	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	140	°C	ISO 306
^[C] Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1120	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Features

Chemically Coupled Reinforcement, Homopolymer

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa