

Product Texts

PPS, 40% glass fiber reinforced, for injection moulding

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	15000 / -	MPa	ISO 527
^[C] Stress at break	165 / -	MPa	ISO 527
^[C] Strain at break	2.5 / -	%	ISO 527
^[C] Charpy notched impact strength, +23°C	8 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	280 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	265 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	1E12 / -	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / 1E15	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1670 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific