TECHNYL A 219 V15 YL 1078

PA66-GF15 DOMO Engineering Plastics

Product Texts

Polyamide 66, 15% glass fiber reinforced, heat-aging stabilized, for injection moulding

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
[C] Molding shrinkage, parallel	**0.5 / ***	%	ISO 294-4, 2577
[C] Molding shrinkage, normal	**1.0 / ***	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**6000 / 3950**	MPa	ISO 527
[C] Stress at break	**100 / 65**	MPa	ISO 527
[C] Strain at break	**1.85 / 7.7**	%	ISO 527
Flexural modulus, 23°C	**5100 / 3400**	MPa	ISO 178
Flexural strength	**160 / 95**	MPa	ISO 178
[C] Charpy impact strength, +23°C	**25 / 45**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**4 / 6**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**262 / ***	°C	ISO 11357-1/-3
[C] Temp. of deflection under load, 1.80 MPa	**230 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**245 / ***	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**245 / ***	°C	ISO 306
[C] Burning Behav. at 1.5 mm nom. thickn.	**HB / ***	class	IEC 60695-11-10
Yellow Card available	**yes / ***	-	-

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Volume resistivity	**1E13 / -**	Ohm*m	IEC 62631-3-1
[C] Surface resistivity	*** / 1E13**	Ohm	IEC 62631-3-2
[C] Comparative tracking index	**500 / -**	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1230 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat