TECHNYL A 216M NC

PA66-I — DOMO Engineering Plastics

Product Texts

Polyamide 66, impact modified, for injection moulding

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
[C] Molding shrinkage, parallel	**1.3 / ***	%	ISO 294-4, 2577
[C] Molding shrinkage, normal	**1.5 / ***	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2700 / 1350**	MPa	ISO 527
Flexural modulus, 23°C	**2500 / -**	MPa	ISO 178
Flexural strength	**90 / -**	MPa	ISO 178
[C] Charpy impact strength, +23°C	**N / N**	kJ/m²	ISO 179/1eU
[C] Charpy impact strength, -30°C	**N / N**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**15 / 25**	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	**65 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**180 / ***	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**235 / ***	°C	ISO 306
[C] Burning Behav. at thickness h	**HB / ***	class	IEC 60695-11-10
Thickness tested	**0.8 / ***	mm	-

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Volume resistivity	**>1E13 / -**	Ohm*m	IEC 62631-3-1
[C] Surface resistivity	*** / 1E14**	Ohm	IEC 62631-3-2
[C] Comparative tracking index	**600 / -**	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1100 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified

Delivery form

Natural Color