TECHNYL C 216 BK

PA6 DOMO Engineering Plastics

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
[C] Molding shrinkage, parallel	**1.2 / ***	%	ISO 294-4, 2577
[C] Molding shrinkage, normal	**1.3 / ***	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**3000 / 1100**	MPa	ISO 527
[C] Stress at break	**50 / -**	MPa	ISO 527
[C] Strain at break	**10 / -**	%	ISO 527
Flexural modulus, 23°C	**2800 / 1000**	MPa	ISO 178
Flexural strength	**100 / 40**	MPa	ISO 178
[C] Charpy notched impact strength, +23°C	**3.5 / 84**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**222 / ***	°C	ISO 11357-1/-3
[C] Temp. of deflection under load, 1.80 MPa	**60 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**165 / ***	°C	ISO 75-1/-2
[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	*** / 1E12**	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1140 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing	Delivery form
Injection Molding	Black

Created: 07.03.2026 Source: www.materialdatacenter.com

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