TECHNYL 4EARTH A3E 216M BK

PA66-I DOMO Engineering Plastics

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	**95 / ***	cm³/10min	ISO 1133
Load	**5 / ***	kg	-
Melt flow index, MFI	**100**	g/10min	ISO 1133
[C] Molding shrinkage, parallel	**1.5 / ***	%	ISO 294-4, 2577
[C] Molding shrinkage, normal	**1.6 / ***	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2100 / 750**	MPa	ISO 527
[C] Yield stress	*** / 35**	MPa	ISO 527
[C] Yield strain	*** / 35**	%	ISO 527
[C] Stress at break	**50 / ***	MPa	ISO 527
[C] Strain at break	**9 / ***	%	ISO 527
Flexural modulus, 23°C	**1800 / 650**	MPa	ISO 178
Flexural strength	**75 / 45**	MPa	ISO 178
[C] Charpy impact strength, +23°C	**30 / 100**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**3 / 6**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**261 / ***	°C	ISO 11357-1/-3
[C] Temp. of deflection under load, 1.80 MPa	**190 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**150 / ***	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1110 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified

Delivery form

Black

Applications

Automotive

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