TECHNYL C 236 V15 BK

PA6-I-GF15 DOMO Engineering Plastics

Product Texts

Polyamide 6, 15% glass fiber reinforced, impact modified, for injection moulding, black

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
[C] Molding shrinkage, parallel	**0.7 / ***	%	ISO 294-4, 2577
[C] Molding shrinkage, normal	**0.9 / ***	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**5200 / 2600**	MPa	ISO 527
[C] Stress at break	**110 / 55**	MPa	ISO 527
[C] Strain at break	**4 / 12**	%	ISO 527
Flexural modulus, 23°C	**4000 / 2300**	MPa	ISO 178
Flexural strength	**180 / 95**	MPa	ISO 178
[C] Charpy impact strength, +23°C	**65 / 80**	kJ/m²	ISO 179/1eU
[C] Charpy impact strength, -30°C	**45 / -**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**6.5 / 15**	kJ/m²	ISO 179/1eA
[C] Charpy notched impact strength, -30°C	**5 / -**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**221 / ***	°C	ISO 11357-1/-3
[C] Temp. of deflection under load, 1.80 MPa	**200 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**215 / ***	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**205 / ***	°C	ISO 306

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1220 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified

Delivery form

Black