Vydyne® B 20 GF BK EST K1

PA6-GF20 Ascend

Product Texts

Vydyne B 20 GF BK EST K1 is standard flow, heat stabilized, 20% glass-fiber reinforced PA6 resin. Available in black, this product is also lubricated for improved machine feed and flow.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
[C] Molding shrinkage, parallel	**0.5 / ***	%	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	**6700 / 4000**	MPa	ISO 527
[C] Stress at break	**141 / 81**	MPa	ISO 527
[C] Strain at break	**3.3 / 6.8**	%	ISO 527

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**220 / ***	°C	ISO 11357-1/-3
[C] Temp. of deflection under load, 1.80 MPa	**205 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**210 / ***	°C	ISO 75-1/-2
[C] Burning Behav. at 1.5 mm nom. thickn.	**HB / ***	class	IEC 60695-11-10

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Humidity absorption	**2.3 / ***	%	Sim. to ISO 62
[C] Density	**1280 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Delivery form
Pellets, Black

Additives
Lubricants

Special Characteristics
Heat stabilized or stable to heat

Regional Availability
North America, Europe, Asia Pacific