Vydyne® LUB A 30 FC BK TF3

PA66-CF30 Ascend

Product Texts

Vydyne LUB A 30 FC BK TF3 is standard flow 30% carbon-fiber reinforced, 15% PTFE lubricated PA66 resin. Available in black, it is specifically designed for high stiffness and strength. This product also has a low coefficient of friction and is electrically conductive.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
[C] Molding shrinkage, parallel	**0.1 / ***	%	ISO 294-4, 2577
[C] Molding shrinkage, normal	**0.4 / ***	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**19500 / 14400**	MPa	ISO 527
[C] Stress at break	**215 / 170**	MPa	ISO 527
[C] Strain at break	**1.5 / 3**	%	ISO 527

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**260 / ***	°C	ISO 11357-1/-3
[C] Temp. of deflection under load, 1.80 MPa	**245 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**250 / ***	°C	ISO 75-1/-2
[C] Burning Behav. at 1.5 mm nom. thickn.	**HB / ***	class	IEC 60695-11-10

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Volume resistivity	**100 / -**	Ohm*m	IEC 62631-3-1

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Humidity absorption	**1.7 / ***	%	Sim. to ISO 62
[C] Density	**1390 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Delivery form
Pellets, Black

Additives
Lubricants

Special Characteristics
Increased electrical conductivity

Features
Tribologic Grade

Regional Availability
North America, Europe, Asia Pacific

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