

Product Texts

Vydyne LUB A 30 FC BK TF2 is standard flow 30% carbon-fiber reinforced, 10% 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	0.5 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	20000 / 14800	MPa	ISO 527
^[C] Stress at break	225 / 180	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	1.8 / *	%	Sim. to ISO 62
^[C] Density	1350 / -	kg/m ³	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