

Product Texts

Vydyne A 10 GF BK KW2 is standard flow, organic heat stabilized, 10% glass-fiber reinforced PA66 resin. This product is also lubricated for improved machine feed and flow and maintains the excellent resistance typical of PA66 in chemicals, machine and motor oils, solvents, and gasoline.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.7 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.1 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	5300 / -	MPa	ISO 527
^[C] Stress at break	110 / -	MPa	ISO 527
^[C] Strain at break	5 / -	%	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	235 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	245 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	2.3 / *	%	Sim. to ISO 62
^[C] Density	1200 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding, Profile Extrusion, Other Extrusion

Delivery form

Pellets, Black

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance, Solvent Resistance, Oil Resistance

Regional Availability

North America, Europe, Asia Pacific