

Product Texts

Vydyne A 15 GB NT KW2 is standard flow, organic heat stabilized, 15% glass-beads reinforced PA66 resin. Available in natural, this product is also lubricated for improved machine feed and flow. Glass-beads provide the molded parts with good surface finish and low warpage.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	1.2 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.4 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	3800 / 1600	MPa	ISO 527
^[C] Stress at break	65 / 35	MPa	ISO 527
^[C] Strain at break	6.5 / 15	%	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	105 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	225 / *	°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	2.2 / *	%	Sim. to ISO 62
^[C] Density	1230 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets, Natural Color

Features

Low Warpage

Additives

Lubricants

Regional Availability

North America, Europe, Asia Pacific