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TriLON™ 662BG33 (U,L,HS,N) ISO

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Polyamide Nylon 66

General Information

Product Description

33% Glass Fiber Reinforced Nylon 66 offered with various additives. High Strength

FEATURES		ADDITIONAL FORMULAS	COLOR
-Good Toughness	-Oil/Solvent Resistant	-Added Lubricant "L"	-All
-Fast Cyling	-High Heat Resistance	-Additional UV "U"	-Translucent/Opaque
-High Strength	-Excellent Chemical Resistance	-Additonal Heat Stabilizers "HS"	
-Gasoline Resistant		-Nucleated "N"	
-33% Glass Fiber Reinforced			

General

Typical Applications	-Appliance, transportation, pumps, impellers, housings, gears
Processing Method	-Injection
Form(s)	-Pellets
Compliance	-RoHS Compliant - TVT
Availability	-North America, Europe, Latin America

ASTM / ISO Properties[1]

Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm³	ISO 1183
Molding Shrinkage - Flow (3.2mm)	0.2 to 0.6	%	ISO 294
Outdoor Suitability (QUV) ("U" Grades)	Pass		TVT Internal
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength, brk	200	MPa	ISO 527
Tensile Strain,brk	>3	%	ISO 527
Flexural Modulus	8500	MPa	ISO 178
Notched Izod Impact	12	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa)	252	°C	ISO 75
Melting Temperature	262	°C	ISO 3146
Flammability	**Nominal Value**	**Unit**	**Test Method**
0.06 in	HB		UL94 - TVT Internal

Recommended Processing Guidance

Drying Temperature	70 to 90	°C
Drying Time - DESSICANT	3 to 6	Hours
Suggested Max Moisture	0.2	%
Processing Melt Temperature	285 to 305	°C
Mold Temperature	80 to 100	°C

1 Note: The values listed on this guide are typical values based on general molding conditions and used solely for the purpose of general material processing. It is recommended that application properties be derived from actual molded articles, whereas properties as molded could vary. These are not to be used as specifications. This data does not provide an implied conditional warranty.