



TRIVALENCE

TriLON™ 62AG15 (U,L,HS,N)

Polyamide Nylon 6

General Information

Product Description

General purpose, 15% Glass Fiber Reinforced Nylon 6 offered with various additives.

FEATURES

- Superior Strength -Oil/Solvent Resistant
- Fast Cyling -High Rigidity
- Excellent Chemical Resistance
- Gasoline Resistant
- 15% Glass Fiber Reinforced

ADDITIONAL FORMULAS

- Added Lubricant "L"
- Additional UV "U"
- Additional Heat Stabilizers "HS"
- Nucleated "N"

COLOR

- All
- Translucent/Opaque

General

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

ASTM / ISO Properties¹

	Nominal Value	Unit	Test Method
Physical			
Density	1.23	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.2mm)	0.6 to 0.9	%	TVT Internal
Outdoor Suitability (QUV) ("U" Grades)	Pass		TVT Internal
Mechanical			
Tensile Strength, yld	14200	psi	ASTM D638
Tensile Strain	>5	%	ASTM D638
Flexural Modulus	630000	psi	ASTM D790
Notched Izod Impact	2.2	ft-lbs/in	ASTM D256
Thermal			
Deflection Temperature Under Load (0.45 MPa)	390	°F	ASTM D648
Deflection Temperature Under Load (1.8 MPa)	360	°F	ASTM D648
Melting Point	428	°F	TVT Internal
Flammability			
0.06 in	HB		UL94 - TVT Internal

Recommended Processing Guidance

- | | |
|-----------------------------|---------------|
| Drying Temperature | 150 to 175 °F |
| Drying Time - DESSICANT | 3 to 6 Hours |
| Suggested Max Moisture | 0.2 % |
| Processing Melt Temperature | 540 to 570 °F |
| Mold Temperature | 140 to 200 °F |