



**TRIVALENCE**

# TriLON™ 62AM8 (U,L,HS,N)

**Polyamide Nylon 6**

Product Description	General Information
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General purpose impact modified, Nylon 6 mineral filled	
<b>FEATURES</b>	<b>ADDITIONAL FORMULAS</b>
-Good Toughness    -Oil/Solvent Resistant	-Added Lubricant "L"
-Fast Cyling        -High Rigidity	-Additional UV "U"
-Excellent Chemical Resistance	-Additional Heat Stabilizers "HS"
-Gasoline Resistant	-Nucleated "N"
<b>COLOR</b>	-All
	-Translucent/Opaque

General	
<b>Typical Applications</b>	-Appliance, automotive, general
<b>Processing Method</b>	-Injection
<b>Form(s)</b>	-Pellets
<b>Compliance</b>	-RoHS Compliant - TVT
<b>Availability</b>	-North America, Europe, Latin America

ASTM / ISO Properties <sup>1</sup>
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Physical	Nominal Value Unit	Test Method
Density	1.16 g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.2mm)	0.4 to .8 %	TVT Internal
Outdoor Suitability (QUV) ("U" Grades)	Pass	TVT Internal
Mechanical	Nominal Value Unit	Test Method
Tensile Strength, yld	9,500 psi	ASTM D638
Tensile Strain	>5 %	ASTM D638
Flexural Modulus	360000 psi	ASTM D790
Notched Izod Impact	1.5 ft-lbs/in	ASTM D256
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load (0.45 MPa)	330 °F	ASTM D648
Deflection Temperature Under Load (1.8 MPa)	160 °F	ASTM D648
Melting Point	425 °F	TVT Internal
Flammability	Nominal Value Unit	Test Method
0.06 in	HB	UL94 - TVT Internal

Recommended Processing Guidance
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Drying Temperature	150 to 175 °F
Drying Time - DESSICANT	3 to 6 Hours
Suggested Max Moisture	0.2 %
Processing Melt Temperature	470 to 545 °F
Mold Temperature	140 to 200 °F