



**TRIVALENCE**

# TriLON™ 62B (U,L,HS,N)

**Polyamide Nylon 6**

## General Information

### Product Description

General purpose impact modified, Nylon 6 offered with various additives.

#### FEATURES

-Good Toughness -Oil/Solvent Resistant  
 -Fast Cyling -High Rigidity  
 -Excellent Chemical Resistance  
 -Gasoline Resistant

#### ADDITIONAL FORMULAS

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

#### COLOR

-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>

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density	1.09	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.2mm)	1.4-1.7	%	TVT Internal
Outdoor Suitability (QUV) ("U" Grades)	Pass		TVT Internal
<b>Mechanical</b>			
Tensile Strength, yld	9,500	psi	ASTM D638
Tensile Strain	>30	%	ASTM D638
Flexural Modulus	380000	psi	ASTM D790
Notched Izod Impact	3	ft-lbs/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (0.45 MPa)	330	°F	ASTM D648
Deflection Temperature Under Load (1.8 MPa)	140	°F	ASTM D648
Melting Point	425	°F	TVT Internal
<b>Flammability</b>			
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	470 to 545 °F
Mold Temperature	140 to 200 °F