



**TRIVALENCE**

# TriLON™ 662B (U,L,HS,N)

Headquarters  
3001 Maxx Rd  
Evansville, IN 47711  
800.209.2517

[trivalencetechnologies.com](http://trivalencetechnologies.com)

## Polyamide Nylon 66

### General Information

#### Product Description

General purpose, Nylon 66 Impact Modified

#### FEATURES

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

#### ADDITIONAL FORMULAS

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

#### COLOR

-All  
-Translucent/Opaque

#### General

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

### ASTM / ISO Properties<sup>1</sup>

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density	1.10	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.2mm)	1.6 to 2.0	%	TVT Internal
Outdoor Suitability (QUV) ("U" Grades)	Pass		TVT Internal
<b>Mechanical</b>			
Tensile Strength, yld	9,400	psi	ASTM D638
Tensile Strain	>20	%	ASTM D638
Flexural Modulus	305,000	psi	ASTM D790
Notched Izod Impact	2.5	ft-lbs/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (0.45 MPa)	230	°C	ASTM D648
Deflection Temperature Under Load (1.8 MPa)	75	°C	ASTM D648
Melting Point	262	°C	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      540 to 570 °F  
Mold Temperature      140 to 200 °F

<sup>1</sup> 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.