



TRIVALENCE

TriLON™ 662AM2(U,L,HS,N)

Polyamide Nylon 66

General Information

Product Description

Nylon 66 Impact Modified, Lubed

FEATURES

- Good Impact
- Oil/Solvent Resistant
- Fast Cyling
- Excellent Chemical Resistance
- Gasoline Resistant
- Molybdenum Disulfide Lubricated

ADDITIONAL FORMULAS

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

COLOR

- Dark Grey or Black Only

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

Physical	Nominal Value Unit	Test Method
Density	1.13 g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.2mm)	1.1-1.6 %	TVT Internal
Outdoor Suitability (QUV) ("U" Grades)	Pass	TVT Internal
Mechanical	Nominal Value Unit	Test Method
Tensile Strength, yld	10500 psi	ASTM D638
Tensile Strain	>40 %	ASTM D638
Flexural Modulus	270000 psi	ASTM D790
Notched Izod Impact	5 ft-lbs/in	ASTM D256
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load (1.8 MPa)	180 °F	ASTM D648
Melting Point	504 °F	TVT Internal
Flammability	Nominal Value Unit	Test Method
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 530 to 570 °F
- Mold Temperature 140 to 200 °F