



TRIVALENCE

TriLEC PA64ESD (U)

Nylon 6 (PA) ESD Protection

Headquarters
3001 Maxx Road
Evansville, IN 47711
800.209.2517

trivalencetechnologies.com

General Information

Product Description

ESD PA6, impact modified.

FEATURES

- Good Impact
- ESD

ADDITIONAL FORMULAS

- Additional UV "U"

COLOR

- Black
- Opaque



General

Typical Applications

-Transportation, defense, packaging, conveyment, casters.

Processing Method

-Injection/Extrusion

Form(s)

-Pellets

Availability

-North America, Europe, Asia, Latin America

ASTM / ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.2mm)	1.3 to 1.6	%	TVT Internal
Outdoor Suitability (QUV) ("U" Grades)	Pass		TVT Internal
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength, yld	6,000	psi	ASTM D638
Tensile Elongation, yld	>10	%	ASTM D638
Flexural Modulus	280,000	psi	ASTM D790
Unnotched Izod Impact (73F)	15	ft-lbs/in	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1E4-1E6	ohm/sq	ASTM D257
Flammability	Nominal Value	Unit	Test Method
0.06 in	HB		UL94 - TVT Internal

Recommended Processing Guidance

Drying Temperature	160 to 180 °F
Drying Time	2 to 4 Hours
Suggested Max Moisture	0.02 %
Processing Melt Temperature	480 to 540 °F
Mold Temperature	130 to 200 °F

¹ 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.