



**TRIVALENCE**

# TriLEC PA64ESD (U)

Nylon 6 (PA) ESD Protection

Product Description	General Information
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ESD PA6, impact modified.

**FEATURES**

- Good Impact
- ESD

**ADDITIONAL FORMULAS**

- Additional UV "U"

**COLOR**

- Black
- Opaque



**General**

- |                             |   |
|-----------------------------|---|
| <b>Typical Applications</b> | -Transportation, defense, packaging, conveyment, casters. |
| <b>Processing Method</b>    | -Injection/Extrusion                                      |
| <b>Form(s)</b>              | -Pellets  |
| <b>Availability</b>         | -North America, Europe, Asia, Latin America               |

ASTM / ISO Properties <sup>1</sup>		
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Physical	Nominal Value Unit	Test Method
Density	1.09 g/cm <sup>3</sup>	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
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- |                             |               |
|-----------------------------|---------------|
| 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 |