



TRIVALENCE

TriLEC PC23AS (U)

Electrically Conductive Polycarbonate(PC)

General Information

Product Description	
Anti-static PC, impact modified.	
FEATURES -Good Strength -EMI/ESD/RFI -Medium Flow	ADDITIONAL FORMULAS -Additional UV "U" -(ESD) grades also available.
	COLOR -All -Opaque



General

Typical Applications	-Transportation, defense, packaging, enclosures
Processing Method	-Injection/Extrusion
Form(s)	-Pellets
Availability	-North America, Europe, Asia, Latin America

ASTM / ISO Properties¹

	Nominal Value	Unit	Test Method
Physical			
Density	1.28	g/cm ³	ASTM D792
Melt Flow Rate (350°C/1.2kg)	14	g/10min	ASTM D1238
Molding Shrinkage - Flow (3.2mm)	0.2 to 0.4	%	TVT Internal
Outdoor Suitability (QUV) ("U" Grades)	Pass		TVT Internal
Mechanical			
Tensile Strength, yld	7000	psi	ASTM D638
Tensile Elongation, yld	>2	%	ASTM D638
Flexural Modulus	510,000	psi	ASTM D790
Unnotched Izod Impact (73F)	6	ft-lbs/in	ASTM D256
Electrical			
Surface Resistivity	1 x 10 ¹⁰ - 1x 10 ¹²	Ω/cm ²	ASTM D257
Flammability			
0.06 in	HB		UL94 - TVT Internal

Recommended Processing Guidance

Drying Temperature	240 to 260 °F
Drying Time	2 to 4 Hours
Suggested Max Moisture	0.02 %
Processing Melt Temperature	550 to 590 °F
Mold Temperature	160 to 240 °F