

Glastic® 1642-10-E

Thermoset Polyester

Glastic Corporation

Message:

Glastic 1642-10-E is a standoff insulator that is molded of UL recognized flame resistant fiberglass-reinforced thermoset polyester molding compound. Glastic 1642-10-E features shatter resistance and closer height tolerances than commonly available in porcelain insulators. Moisture and heat resistance properties of Glastic 1642-10-E are higher than those of conventional plastic insulators. Glastic 1642-10-E should not be used upside down if there is a possibility of the center hole being filled with water.

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Moisture resistance		
	Heat resistance, high		
	Flame retardancy		
Uses	Isolated insulator		
UL File Number	E23525		
	E81713		
Forms	Particle		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Compressive Strength	138	MPa	ASTM D695
Electrical	Nominal Value	Unit	Test Method
Arc Resistance	180	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

Additional Information			
Cantilever Strength: 6000in/lbsTorque Strength: 200 ft/lbsHeight Tolerance: .010Creep Resistance: 3-11/16 inchDry Hi-Pot, NEMA Specs: 19000 VoltsDew Hi-Pot, NEMA Specs: 15000 VoltsImpulse, 1.5 x 40 wave: 60000Track Resistance: 600 min			

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