

Trident Acetal™ ESD

Impact	Nominal Value (English)	Test Method
Notched Izod Impact	1.6 ft·lb/in	ASTM D256

Thermal	Nominal Value (English)	Test Method
HDT (264 psi, Unannealed)	190 °F	ASTM D648
Melting Temperature	329 °F	ASTM D2133
CLTE - Flow	7.50E-05 in/in/°F	ASTM D696
Service Temperature		
Long Term	212 °F	
Short Term	284 °F	

Electrical	Nominal Value (English)	Test Method
Surface Resistivity	1.0E+9 to 1.0E+11 ohms	ASTM D257
Dielectric Strength	500 V/mil	ASTM D149
Flammability	Nominal Value Unit	Test Method
Flame Rating	HB	UL 94

Flammability	Nominal Value (English)	Test Method
Flame Rating	HB	UL 94

Chemical Resistance

Acetone	Resistant
Ammonia solution 10%	Resistant
Benzene	Limited resistance
Boric acid, aqueous solution 10%	Not resistant
Diesel oil	Resistant
Ethanol, 96%	Resistant
Ethylene chloride	Not resistant
Formaldehyde, aqueous solution 30%	Resistant
Glycerin	Resistant
Glycol	Resistant
Hydrochloric acid, aqueous solution 36%	Not resistant
Hydrofluoric acid, 40%	Not resistant
Isopropanol	Resistant
Methanol	Resistant
Nitric acid, aqueous solution 10%	Not resistant
Silicone Oil	Resistant
Sulphuric acid, aqueous solution 2%	Resistant
Sulphuric acid, concentrated 98%	Not resistant
Triethanolamine	Resistant
Trichloroethylene	Not resistant

* This information is based on average resin value specifications and is only to assist and advise you on the current technical knowledge, it is given without obligations or liability.