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# TriVET™ 13CP

Proprietary Copolyester

trivalancetechnologies.com

Proprietary Copolyester			
General Information			
Product Description			
Proprietary copolyester			
FEATURES		ADDITIONAL FORMULAS	
-Great Clarity		-Added Release "R"	
-Chemical Resistance		-Added UV "U"	
-RoHS/REACH Compliant			
-Medium Flow			
COLOR			
-All			
General			
Typical Applications		-Small appliance, electrical, lawn & garden, potables, food contact	
Processing Method		-Injection	
Form(s)		-Pellets	
Availability		-North America, Europe, Latin America	
ASTM / ISO Properties <sup>1</sup>			
Physical		Test Method	
Density		1.18 g/cm³	
Melt Flow Rate		5 g/10min	
Molding Shrinkage - Flow (3.2mm)		0.3 to 0.6 %	
Outdoor Suitability - QUV ("U" grades only)		Pass	
		QUV - TVT Internal	
Mechanical		Test Method	
Tensile Strength, yld		8,800 psi	
Flexural Modulus		250000 psi	
Notched Izod Impact, 73F		16.0 ft-lb/in	
		ASTM D256	
Thermal		Test Method	
Deflection Temperature Under Load (0.45 MPa)		210 °F	
Deflection Temperature Under Load (1.8 MPa)		185 °F	
		ASTM D648	
Flammability		Test Method	
0.06 in		HB	
		UL94 TVT Internal	
Recommended Processing Guidance			
Drying Temperature		180 to 200 °F	
Drying Time		4 to 6 Hours	
Suggested Max Moisture		0.02 %	
Processing Melt Temperature		530 to 540 °F	
Mold Temperature		120 to 150 °F	
**Allow extra time to cure			

<sup>1</sup> 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.