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TriVOL 33D70 (U,R)

Thermoplastic Polyolefin

General Information

Product Description

Thermoplastic Polyolefin Mineral Filled

FEATURES		ADDITIONAL FORMULAS	COLOR
-RoHS/REACH Compliant	- High Flow	-Added Release "R"	-All
-TPO		-Added UV "U"	
-20% Talc Reinforced			

General

Typical Applications	-Appliance, electrical, lawn & garden, automotive, packaging, industrial
Processing Method	-Injection
Form(s)	-Pellets
Availability	-North America, Europe, Asia, Latin America

ASTM / ISO Properties[1]

Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm³	ASTM D792
Melt Flow Rate (230°C/2.16kg)	25	g/10min	ASTM D1238
Outdoor Suitability (QUV) ("U" grades)	Pass		TVT Internal
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	2,800	psi	ASTM D638
Tensile Elongation	>10	%	ASTM D638
Flexural Modulus	230,000	psi	ASTM D790
Notched Izod Impact	10.0	ft-lbs/in	ASTM D256
Shore Hardness	70.0	D	ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa)	185	°F	ASTM D648
Flammability	**Nominal Value**	**Unit**	**Test Method**
0.06 in	HB		TVT Internal
Recommended Processing Guidance	**Nominal Value**	**Unit**	
Drying Temperature	160 to 200	°F	
Drying Time	1 to 3	Hours	
Suggested Max Moisture	0.05	%	
Processing Melt Temperature	410 to 480	°F	
Mold Temperature	80 to 140	°F	

[1] 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.