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TriVOL 32T10

Polypropylene

General Information

Product Description

Copolymer PP with talc reinforcement and EPDM

FEATURES	ADDITIONAL FORMULAS	COLOR
-Copolymer	-Added Release "R"	-All
-10% Talc Reinforced	-Added UV "U"	
-RoHS/REACH Compliant	-Nucleated	

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	0.99	g/cm³	ISO 1183
Melt Flow Rate (230°C/2.16kg)	24	g/10min	ISO 1133
Molding Shrinkage - Flow (3.2mm)	0.3 to 0.7	%	TVT Internal
Outdoor Suitability (QUV) ("U" grades)	Pass		TVT Internal
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength, yld	18	MPa	ISO 527
Tensile Elongation	>50	%	ISO 527
Flexural Modulus	1080	MPa	ISO 178
Notched Izod Impact	25.0	kJ/m2	ISO 180A
Shore Hardness	60	D-Scale	ISO 868
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa)	110	°C	ISO 75
Deflection Temperature Under Load (1.8 MPa)	62	°C	ISO 75
Vicat Softening Temperature	116	°C	ISO 306
Flammability	**Nominal Value**	**Unit**	**Test Method**
0.06 in	HB		UL94 TVT Internal
Recommended Processing Guidance	**Nominal Value**	**Unit**	
Drying Temperature	65 to 80	°C	
Drying Time	2 to 3	Hours	
Suggested Max Moisture	0.05	%	
Processing Melt Temperature	190 to 220	°C	
Mold Temperature	20 to 70	°C	

[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.