



**TRIVALENCE**

# TriVOL 11T30 (U,R)

**Polypropylene**

**General Information**

<b>Product Description</b> Homopolymer PP, talc reinforced.			
<b>FEATURES</b>		<b>ADDITIONAL FORMULAS</b>	<b>COLOR</b>
-RoHS/REACH Compliant	- Low Flow	-Added Release "R"	-All
-Homopolymer		-Added UV "U"	
-30% Talc Reinforced			

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

**ASTM / ISO Properties<sup>1</sup>**

	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
<b>Physical</b>			
Density	1.13	g/cm <sup>3</sup>	ASTM D792
Melt Flow Rate (230°C/2.16kg)	8	g/10min	ASTM D1238
Outdoor Suitability (QUV) ("U" grades)	Pass		TVT Internal
<b>Mechanical</b>			
Tensile Strength	5,000	psi	ASTM D638
Tensile Elongation	>6	%	ASTM D638
Flexural Modulus	425,000	psi	ASTM D790
Notched Izod Impact	0.7	ft-lbs/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (0.45 MPa)	260	°F	ASTM D648
<b>Flammability</b>			
0.06 in	HB		UL94 TVT Internal
<b>Recommended Processing Guidance</b>			
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	