

## S&E Specialty Polymers GTPO 9100HF Series PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Uncompounded

### Material Notes:

Application: New generation 80/90C, UV Resistant, low gravity, flexible, polyolefin based Zero Halogen compound with good physical characteristics. Information provided by S&E Specialty Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SE-Specialty-Polymers-GTPO-9100HF-Series-PVC.php](http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-GTPO-9100HF-Series-PVC.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	ASTM D792
pH	8.42	8.42	IEC 60754-2

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 12.4 MPa	>= 1800 psi	ASTM D638
	>= 10.7 MPa	>= 1550 psi	
	@Treatment Temp. 121 °C, Time 605000 sec	@Treatment Temp. 250 °F, Time 168 hour	Air Oven aged
Elongation at Break	>= 450 %	>= 450 %	ASTM D638
	>= 351 %	>= 351 %	
	@Treatment Temp. 121 °C, Time 605000 sec	@Treatment Temp. 250 °F, Time 168 hour	Air Oven aged

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -16.0 °C	<= 3.20 °F	ASTM D746

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.50e+14 ohm-cm	2.50e+14 ohm-cm	ASTM D257
Dielectric Constant	2.93	2.93	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	ASTM D150-1994
Dissipation Factor	0.0059	0.0059	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	ASTM D150-98

Descriptive Properties	Value	Comments
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Descriptive Properties

Value  $\mu\text{S}/\text{mm}$

Comments <sup>2</sup>

## Contact Songhan Plastic Technology Co.,Ltd.

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