

Evonik Corporation Vestolit® Pulver 4101 PVC-U

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

Material Notes:

Foamed sections and panels.ISO data as provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-Vestolit-Pulver-4101-PVC-U.php

Physical Properties	Metric	English	Comments
Density	0.550 g/cc	0.0199 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.0 MPa	2470 psi	
Elongation at Break	30 %	30 %	
Modulus of Elasticity	1.20 GPa	174 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	<= 50.0 µm/m-°C	<= 27.8 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
CTE, linear, Transverse to Flow	<= 50.0 µm/m-°C	<= 27.8 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Vicat Softening Point	70.0 °C	158 °F	50°C/hr/50 N

Electrical Properties	Metric	English	Comments
Electrical Resistivity	>= 1.00e+15 ohm-cm	>= 1.00e+15 ohm-cm	
Surface Resistance	5.00e+14 ohm	5.00e+14 ohm	
Dielectric Constant	2.0	2.0	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	6.00 kV/mm	152 kV/in	
Dissipation Factor	0.010	0.010	
	@Frequency 100 Hz	@Frequency 100 Hz	

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