

Evonik Corporation Vestolit® Pulver 5401 PVC-HI

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, High Impact

Material Notes:

Window sections for use in temperate central-European-like climate.ISO data as provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-Vestolit-Pulver-5401-PVC-HI.php

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in ³	
Water Absorption	3.0 %	3.0 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	45.0 MPa	6530 psi	
Elongation at Break	>= 50 %	>= 50 %	
Elongation at Yield	5.0 %	5.0 %	
Modulus of Elasticity	2.50 GPa	363 ksi	
Tensile Impact Strength	170 kJ/m ²	80.9 ft-lb/in ²	
Tensile Creep Modulus, 1 hour	2400 MPa	348000 psi	
Tensile Creep Modulus, 1000 hours	1000 MPa	145000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	<= 50.0 µm/m-°C	<= 27.8 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Vicat Softening Point	81.0 °C	178 °F	50°C/hr/50 N

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