

Haveg 61NA Furfuryl Alcohol-Formaldehyde Resin

Category : Polymer , Thermoset

Material Notes:

A proprietary thermoset plastic consisting of a furfuryl alcohol-formaldehyde resin and non-asbestos silicate fillers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Haveg-61NA-Furfuryl-Alcohol-Formaldehyde-Resin.php

Physical Properties	Metric	English	Comments
Density	1.80 g/cc	0.0650 lb/in ³	
Moisture Absorption at Equilibrium	2.65 %	2.65 %	No Time Specified
Moisture Vapor Transmission	0.990 cc-mm/m ² -24hr-atm	2.51 cc-mil/100 in ² -24hr-atm	g/cm ² -atm (no time specified)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	34.8 MPa	5050 psi	
Elongation at Break	0.84 %	0.84 %	
Tensile Modulus	6.80 GPa	986 ksi	
Flexural Yield Strength	63.8 MPa	9250 psi	
Compressive Yield Strength	140 MPa	20300 psi	
Izod Impact, Notched	0.360 J/cm	0.674 ft-lb/in	

Thermal Properties	Metric	English	Comments
CTE, linear	24.3 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	13.5 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	
	@Temperature 20.0 $\text{Å}^\circ\text{C}$	@Temperature 68.0 $\text{Å}^\circ\text{F}$	

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