

Hapweld™ 602

Thermoplastic

Hapco Inc.

Message:

One part, non-shrinking, 100% solids, high temperature performing, structural adhesive, that cures at temperatures as low as 225° F. It is a paste type adhesive, which forms permanent structural bonds between similar and dissimilar materials. Once cured, HAPWELD 602 will operate at temperatures up to 400°F, continuously and should be used in place of HAPWELD 567 in those applications that require temperature performance above 300°F. Cures, as fast as 3 minutes, can be obtained with this system. Supplied as a one-component system, which eliminates all those costly mixing errors, expensive down time, and production rejects. Its creamy, non-sag, consistency allows it to be applied with trowel, knife, brush, or pumping system, and the adhesive will not sag or shrink.

General Information		
Features	Bondability	
	Fast Cure	
	High Heat Resistance	
	Low Shrinkage	
	Thixotropic	
Uses	Adhesives	
Appearance	White	
Forms	Paste	
Physical	Nominal Value	Unit
Weight - Per gallon	5400	g
Service Temperature	-73 to 232	°C
Bond Strength	50.8 to 127.0	µm
Cure Time		
107°C	16.0	hr
121°C	0.7	hr
149°C	0.3	hr
204°C	0.1	hr
Mechanical	Nominal Value	Unit
Tensile Strength	62.1	MPa
Shear Strength		
25°C	34.5	MPa
121°C	20.7	MPa
177°C	12.4	MPa
Electrical	Nominal Value	Unit
Volume Resistivity	10	ohms · cm
Dielectric Strength	17	kV/mm
Dielectric Constant	4.10	

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Recommended distributors for this material

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