

## Haveg Havaflex T.A.- 118 Phenolic, Trowelable Ablative Coating

Category : Polymer , Thermoset , Phenolic , Phenolic, Ablative Coating

### Material Notes:

A two-component modified phenolic ablative coating and adhesive. This material was developed for the U.S. Army to protect the areas around missile launching systems from the extremely high heats (up to 5000°F) and gas velocities (up to Mach 3.0) present during the launching of a missile.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Haveg-Havaflex-TA-118-Phenolic-Trowelable-Ablative-Coating.php](http://www.lookpolymers.com/polymer_Haveg-Havaflex-TA-118-Phenolic-Trowelable-Ablative-Coating.php)

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in <sup>3</sup>	
Moisture Absorption at Equilibrium	0.67 %	0.67 %	96 Hours

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89	89	
Tensile Strength, Ultimate	4.30 MPa	624 psi	
Elongation at Break	12.5 %	12.5 %	
Adhesive Bond Strength	23.0 MPa	3340 psi	Tensile Lap Shear; ASTM D1002

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.513 W/m-K	3.56 BTU-in/hr-ft <sup>2</sup> - °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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