

MOSITES #10269 Tool Sealant

Mosites #10269 Tool Sealant is a cream colored, high temperature elastomeric coating made from Dupont Performance Elastomers "Viton" that is used to seal against vacuum loss due to hairline cracks in composite tooling. The coating allows the tools to be repaired and quickly returned to service. The light cream color of Mosites #10269 Tool Sealant helps to ensure adequate coating coverage on normally black tool surfaces.

It is supplied in thin milled sheet form with instructions on mixing with solvent to produce the coating consistency required. For best results the coating is applied to the back side of the leaking tool surface while vacuum is being pulled over the face of the tool. This allows the sealant to penetrate the leaking areas.

The solution will air dry and achieve maximum adhesion after a trip into an oven or autoclave.

The physical properties shown below were obtained on a cast sheet of Mosites #10269 Tool Sealant, approximately 0.010 inch thick. The properties are typical of Mosites #10269, but they should not be used to set Quality Control Specification minimum requirements.

<u>Typical Physical Properties</u>	
Hardness (Shore A).....	60
Tensile Strength (psi).....	1700
Elongation at Break (%).....	840%
Modulus at 300% Elongation (psi).....	950
Tear Strength (ppi).....	154
Specific Gravity.....	2.06
Color.....	Cream
 Composition of Mosites #10269 Solution	
Proprietary Fluoroelastomer Sheet.....	35%
Acetone Solvent.....	65%