NuSil R-2631

Silicone

NuSil Technology

Message:

The Aircraft Industry has used silicone adhesives and coatings for over five decades. Silicone's ability to maintain its elasticity and low modulus over a broad temperature range provides excellent utility in extreme environments. Recent advances in material technology provide more opportunities for the Aircraft engineer in choosing the best material for an intended application. Examples of NuSil's capabilities in custom silicones for Aircraft are demonstrated in the following sections.
Fuel Resistance
Static Dissipation and Electrically Conductive Silicones
Ice-Phobic Coatings
General Purpose: Static Dissipative
Comment: 50 ohm-cm , Low Durometer, Tough

General Information	
Features	Electrically Conductive
	Fuel Resistant
	Good Toughness
	Low Hardness
Uses	Aircraft Applications
	Electrical/Electronic Applications

Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 1.0	
Part B	Mix Ratio by Weight: 1.0	
Additional Information	**Nominal Value**	**Unit**
Cure System	Platinum	
Extrusion Rate	100	g/min
Operating Temperature	-50 to 200	°C
Uncured Properties	**Nominal Value**	**Unit**
Color	Black	
Density	1.07	g/cm^3
Curing Time (65°C)	1.0	hr
Pot Life	480	min
Cured Properties	**Nominal Value**	**Unit**
Shore Hardness (Shore A)	40	
Tensile Strength	4.14	MPa
Tensile Elongation at Break	280	%
Tear Strength	8.76	kN/m

infringement occurs, please contact us immediately.

Recommended distributors for this material

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