NuSil CV-2187

Silicone

NuSil Technology

Message:

Controlled Volatility (CV) Silicone Materials
Silicone's ability to remain elastic at low temperatures and resistant to breakdown at high temperatures offer excellent utility in extraterrestrial environments where materials are repeatedly exposed to extreme temperatures. NuSil's Controlled Volatility (CV) and Ultra Low Outgassing TM (SCV) silicone products are used by leading space programs to provide the much-needed resilient protection they require against contamination and material degradation.
Benefits of Silicone Materials for Space
Broad Operating Temperature
Compensation for CTE Mismatch
Protection Against Atomic Oxygen
Optically Clear Formulations
Flight Legacy
Comments: Tough, Flowable, Fast Cure

General Information	
Features	Fast Cure Good Flow Good Toughness Low to No Outgassing
Uses	Adhesives Aerospace Applications Electrical/Electronic Applications Sealants
Agency Ratings	ASTM E 595 NASA SP-R-0022A

Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 10	
Part B	Mix Ratio by Weight: 1.0	
Tack Free Time	15.0	hr
Cure System	Platinum	
Uncured Properties	**Nominal Value**	**Unit**
Color	Translucent	
Density	1.10	g/cm³
Viscosity	90	Pa·s
Curing Time (150°C)	0.25	hr
Pot Life	180	min
Cured Properties	**Nominal Value**	**Unit**

Shore Hardness (Shore A)	35	
Tensile Strength	6.38	MPa
Tensile Elongation at Break	400	%
Tear Strength	13.1	kN/m

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

WECHAT