NuSil MED-6607

Silicone

NuSil Technology

Message:

NuSil Technology's unrestricted materials may be considered for long-term implant applications (greater than 29 days).
"Dispersion" is a term used to describe a silicone elastomer system that is suspended or dispersed in a solvent carrier. It is a complex solution that contains silicone polymers of various molecular weights and reinforcing fi llers. The substituent groups comprising the polymer back bone structure may consist of the following: Polydimethylsiloxane, Dimethyl Diphenyl copolymer, and Fluoro homo polymer or copolymer. Silicone dispersions typically have low viscosities, which is benefi cial for applications wherein a thin fi lm coating is needed, and they can easily be used in dipping and spraying processes. NuSil uses a variety of solvents to disperse silicones, such as xylene, tert butyl acetate, heptane, hexane, acetone and naphtha.
Comments: ONE PART, IN NAPHTHA

General Information	
Filler / Reinforcement	Filler
Features	Low Viscosity
Uses	Coating Applications Medical/Healthcare Applications
Agency Ratings	USP Class VI
Forms	Dispersion
Processing Method	Dip Coating Spraying

Additional Information	Nominal Value	Unit
Cure System	Oxime	
Uncured Properties	**Nominal Value**	**Unit**
Density	1.11	g/cm³
Viscosity	6.5	Pa·s
Curing Time (23°C)	1.7E+2	hr
Cured Properties	**Nominal Value**	**Unit**
Shore Hardness (Shore A)	40	
Tensile Strength	7.93	MPa
Tensile Elongation at Break	650	%
Tear Strength	16.6	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