

NuSil MED10-6607

Silicone

NuSil Technology

Message:

NuSil Technology's restricted materials may be considered for use in short-term implant applications, 29 days or less, or for external applications. "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 fillers. 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 beneficial for applications wherein a thin film 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	6.0	Pa · s
Curing Time (23°C)	1.7E+2	hr
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore A)	40	
Tensile Strength	8.62	MPa
Tensile Elongation at Break	650	%
Tear Strength	16.6	kN/m

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

