

NuSil MED4-4420

Silicone

NuSil Technology

Message:

NuSil Technology's unrestricted materials may be considered for long-term implant applications (greater than 29 days). Low consistency elastomers (LCEs) are useful alternatives to liquid silicone rubber (LSR) and high consistency rubber (HCR) for end users who need a low viscosity elastomer which provides other unique properties. LCEs lend themselves to applications that require a pourable, self-leveling silicone. Applications include: encapsulating a device, backfilling a void, potting an electronic component that cannot withstand exposure to high heat, or prototyping a mold. Comments: LOW VISCOSITY

General Information		
Features	Good Processability	
	Low Viscosity	
Uses	Electrical/Electronic Applications	
	Medical/Healthcare Applications	
Agency Ratings	USP Class VI	
Appearance	Clear/Transparent	
Processing Method	Encapsulating	
	Potting	
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	
Uncured Properties	Nominal Value	Unit
Viscosity		
-- 1	18	Pa · s
-- 2	23	Pa · s
Curing Time (150°C)	0.25	hr
Pot Life (25°C)	25	min
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore A)	17	
Tensile Strength	4.45	MPa
Tensile Elongation at Break	570	%
Tear Strength	6.13	kN/m
NOTE		
1.	Part B	

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

