NuSil MED-4086

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.
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: ULTRA SOFT ELASTOMER

General Information	
Features	Good Processability Low Viscosity Soft
Uses	Electrical/Electronic Applications Medical/Healthcare Applications
Agency Ratings	USP Class VI
Appearance	Clear/Transparent
Processing Method	Encapsulating Potting

Mechanical	Nominal Value	Unit
Tensile Strength (200% Strain)	0.0552	MPa
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]	4.6	Pa·s
-- [2]	8.3	Pa·s
Curing Time (150°C)	0.75	hr
Pot Life (25°C)	840	min
Cured Properties	**Nominal Value**	**Unit**
Shore Hardness (Shore OOO)	55	
Tensile Strength	0.276	MPa
Tensile Elongation at Break	480	%

NOTE	
1.	Part B
2.	Part A

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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