

Silopren® Gel 7212

Silicone Gel

Momentive Performance Materials Inc.

Message:

Silopren Gel 7212 is a kit matched easily pourable, solvent free, clear and colourless two-component silicone gel. After mixing the A and the B component at a mix ratio of 1:1 the material cures at room temperature by an addition reaction. Further acceleration of the cure is possible by heat.

Key Features and Benefits

Convenient 1:1 mixing by weight

Low viscosity, free of solvents

Cures at room temperature

Soft gel with high elasticity

Potential Applications

Silopren Gel 7212 was developed for potting of electrical cable joints.

General Information		
Features	Low Viscosity	
	Soft	
Uses	Electrical/Electronic Applications	
Appearance	Clear/Transparent	
Forms	Gel	
Processing Method	Potting	
Electrical	Nominal Value	Unit
Electric Strength	25	kV/mm
Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 1.0	
Part B	Mix Ratio by Weight: 1.0	
Shelf Life (< 27°C)	> 17	wk
Uncured Properties	Nominal Value	Unit
Color		
-- 1	Clear/Transparent	
-- 2	Clear/Transparent	
Viscosity		
20°C 3	1.5	Pa·s
20°C 4	1.5	Pa·s
Pot Life (23°C)	45	min
NOTE		
1.	Part B	
2.	Part A	
3.	Part B	
4.	Part A	

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