

DJSilicone NE-271

Silicone

DONGJUE SILICONE (NANJING) CO., LTD

Message:

This product could be put to basic processing after adding vulcanizator DCBP. And it may not need second vulcanization when technical conditions properly controlled. It has excellent high and low temperature, electrical insulation, corona and arc resistance properties, which could be long-term used in temperature range from -60°C to 200°C. It is suitable for different kinds of electric wire cable, and parts for electrical insulator. Also this silicone rubber has excellent transparency, physical and mechanical properties, very suitable for cables, sealing strips and all kinds of transparent rubber tubes.

General Information			
Features	Arc Resistant		
	Electrically Insulating		
	High Clarity		
	High Heat Resistance		
	Low Temperature Resistant		
Uses	Electrical Parts		
	Seals		
	Tubing		
	Wire & Cable Applications		
Appearance	Translucent		
	White		
Physical	Nominal Value	Unit	Test Method
Density	1.17 to 1.27	g/cm ³	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A ¹	69 to 73		
Shore A ²	68 to 72		
Elastomers	Nominal Value	Unit	Test Method
Tensile Set			ASTM D412
-- ³	< 14	%	
-- ⁴	< 12	%	
Tensile Strength ⁵ (Yield)	> 7.50	MPa	ASTM D412
Tensile Elongation			ASTM D412
Break ⁶	> 200	%	
Break ⁷	> 250	%	
Tear Strength	> 20.0	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 3.0E+14	ohms · cm	ASTM D257

Dielectric Strength	> 20	kV/mm	ASTM D149
NOTE			
1.	For Tube		
2.	For Line		
3.	For Line		
4.	For Tube		
5.	For Line		
6.	For Tube		
7.	For Line		

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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



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