

DJSilicone NE-270

Silicone

DONGJUE SILICONE (NANJING) CO., LTD

Message:

This product could be put into basic processing after adding vulcanizator DCBP. And it may not need second vulcanization when technical conditions properly controlled. The formed product has the following properties: very good high and low temperature resistance, corona and arc resistance, and electric insulation. It is suitable for different kinds of electric wire and cable, jacket rubber tubes and parts for electrical insulator, heat-resistant seals, irregular shaped and foam strips.

General Information			
Features	Arc Resistant		
	Electrically Insulating		
	High Heat Resistance		
	Low Temperature Resistant		
Uses	Foam		
	Seals		
	Tubing		
	Wire & Cable Applications		
Appearance	Clear/Transparent		
	White		
Processing Method	Extrusion		
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)	> 7.00	MPa	ASTM D412
Tensile Elongation			ASTM D412
Break ⁶	> 200	%	
Break ⁷	> 240	%	
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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