

DJSilicone NE-171

Silicone

DONGJUE SILICONE (NANJING) CO., LTD

Message:

According to different hardness, standard silicone rubber for molding can be divided into six types. Via molding vulcanization after adding DMDBH, with excellent transparency, physical and mechanical properties, high and low temperature resistance, aging resistance, the product can be used for a long period at the temperature from -60°C to 200°C. Moreover, in order to meet some special demands, NE-151 and NE-161 can provide rubber with high elasticity and the rubber containing low-quantity phenol (*0.002%). It is suitable for manufacturing various kinds of keypad and parts for electronic products, accessories for machinery or cars, seal ring and fittings for industrial or civil use, as well as different kinds of high and low temperature resistant fabrications and transparent fabrications. It can provide not only milky-white translucent products, but also vulcanizing and color-additive piece products.

General Information	
Features	Electrically Insulating
	High Clarity
	High Elasticity
	High Heat Resistance
	Low Temperature Resistant
Uses	Automotive Applications
	Electrical/Electronic Applications
	Fittings
	Low Temperature Applications
	Seals
	Transparent Parts
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 (Shore A)	68 to 72		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	< 6	%	ASTM D412
Tensile Strength (Yield)	> 7.50	MPa	ASTM D412
Tensile Elongation (Break)	> 220	%	ASTM D412
Tear Strength	> 20.0	kN/m	ASTM D624

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