

# DJSilicone NE-161

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	1.14 to 1.24	g/cm³	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	58 to 62		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	< 7	%	ASTM D412
Tensile Strength (Yield)	> 8.00	MPa	ASTM D412
Tensile Elongation (Break)	> 300	%	ASTM D412
Tear Strength	> 22.0	kN/m	ASTM D624

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