

DJSilicone NE-9170

Silicone

DONGJUE SILICONE (NANJING) CO., LTD

Message:

Character: Excellent physical properties, anti-yellowing performance, and good processability
Application: NE-91 is suitable for molding application with higher transparency requirements. (E.g. keypad, sanitation commodity for living, O-ring, seal ring (parts for industrial use)

General Information			
Features	Good Color Stability		
	Good Processability		
Uses	Gaskets		
	Sanitary Products		
	Seals		
Appearance	Translucent		
Physical	Nominal Value	Unit	Test Method
Density	1.18 to 1.26	g/cm ³	ASTM D1505
Molding Shrinkage - Flow	2.6 to 3.2	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	68 to 72		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	< 8	%	ASTM D412
Tensile Strength (Yield)	> 8.00	MPa	ASTM D412
Tensile Elongation (Break)	> 300	%	ASTM D412
Tear Strength	> 25.0	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	ASTM D257
Dielectric Strength	> 22	kV/mm	ASTM D149

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