

# DJSilicone NE-9440

Silicone

DONGJUE SILICONE (NANJING) CO., LTD

Message:

Character: High transparency, excellent physical properties, yellowing resistance, and good processability  
Application: NE-94 is suitable for kinds of molding application, silicone rubber products for food processing, medical industries with higher transparency requirements.  
E.g. baby nipple, teeth-grinding stick (silicone teether for babies), and medical tube

General Information			
Features	Contact Clarity		
	Good Color Stability		
Uses	Medical/Healthcare Applications		
	Non-specific Food Applications		
	Transparent Parts		
	Tubing		
Appearance	Translucent		
Physical	Nominal Value	Unit	Test Method
Density	1.09 to 1.17	g/cm <sup>3</sup>	ASTM D1505
Molding Shrinkage - Flow	3.0 to 3.6	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	38 to 42		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	< 8	%	ASTM D412
Tensile Strength (Yield)	> 9.00	MPa	ASTM D412
Tensile Elongation (Break)	> 600	%	ASTM D412
Tear Strength	> 35.0	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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