

DJSilicone NE-7280

Silicone

DONGJUE SILICONE (NANJING) CO., LTD

Message:

Common silicone rubber for molding&extrusion has excellent high and low temperature resistance, electrical performance, and physical and mechanical properties. Despite of slightly worse transparency than general silicone rubber, it is more suitable for manufacturing colored products. There are two kinds of this product, namely modifying silicone rubber for molding and modifying silicone rubber for extrusion. The former can be vulcanized by DMDBH and used for manufacturing industrial accessories like keypad, seal ring and seal pad etc, while the latter can be vulcanized by DCBP and used for manufacturing wire, cable, rubber tube and rubber strip etc.

General Information			
Features	Good Colorability		
	High Heat Resistance		
	Low Temperature Resistant		
Uses	Tubing		
	Wire & Cable Applications		
Appearance	White		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.20 to 1.30	g/cm ³	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	77 to 83		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	< 10	%	ASTM D412
Tensile Strength (Yield)	> 6.50	MPa	ASTM D412
Tensile Elongation (Break)	> 150	%	ASTM D412
Tear Strength	> 18.0	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+14	ohms · cm	ASTM D257
Dielectric Strength	> 18	kV/mm	ASTM D149

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