

SQUARE® SSR2026AE/BE

Silicone

Shenzhen SQUARE Silicone Co., Ltd.

Message:

Silicone rubber for medical pipe catalyzed by platinum in extruding mould

Product Description

2-part high strength solid silicone rubber, catalyzed by platinum.

Key Feature

Good transparence

High tensile strength and tear strength

None post cure

Rapid vulcanization

Excellent thermal stability

Excellent weather resistance

Low yellowing

Application

Soft transparent pipe in extrusion or compression molding process

General Information			
Features	High tensile strength		
	High strength		
	Fast curing		
	Good tear strength		
	Good weather resistance		
	Definition, high		
	Thermal stability, good		
Uses	Piping system		
	Medical/nursing supplies		
Appearance	Clear/transparent		
Processing Method	Extrusion		
	Compression molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	9.00	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Tear Strength ¹	35.0	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	
Shelf Life	100	wk	

Uncured Properties	Nominal Value	Unit
Curing Time (150°C)	0.083	hr
NOTE		
1.	B mould	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

