

SQUARE® SSR2033-30MA/MB

Silicone

Shenzhen SQUARE Silicone Co., Ltd.

Message:

Silicone rubber for medical sacculus

Product Description

SQUARE® SSR2033-30MA/MB & SSR2033-35MA/MB is one kind of 2-part solid silicone rubber, catalyzed by platinum, mixing ratio of parts A:B=1:1.

Key Features

High transparency

High tensile strength and high tear strength

Suitable for extrusion and non bubble

Good rebound property.

Excellent thermal and cold stability (-60°C to -250°C)

Low yellowing, high elongation, low distortion

Outstanding resistance to ageing

Meet ISO 10993 biological reactivity test, GB/T 16886.10-2000 and GB/T16886.5-2003 standard

Application

SQUARE® SSR2033-30A/B & SSR2033-35A/B is suitable for making medical sacculus etc.

General Information			
Features	High tensile strength		
	Good tear strength		
	Definition, high		
	Thermal stability, good		
	Extended tensile rate		
Uses	Medical/nursing supplies		
Agency Ratings	ISO 10993		
Appearance	Clear/transparent		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Molding Shrinkage - Flow	3.0	%	JIS K6301
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	30		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set ¹	2	%	ASTM D412
Tensile Strength	8.50	MPa	ASTM D412
Tensile Elongation (Break)	850	%	ASTM D412
Tear Strength ²	20.0	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	
Thermoset Components			
Component a	Mixing ratio by weight: 1.0		
Component B	Mixing ratio by weight: 1.0		

Shelf Life	100	wk
Uncured Properties	Nominal Value	Unit
Curing Time (150°C)	0.17	hr
NOTE		
1.	C mould	
2.	B mould	

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