

SQUARE® LFR1971-60A/B

Fluorosilicone

Shenzhen SQUARE Silicone Co., Ltd.

Message:

Liquid Fluorosilicone Rubber

Product Description

SQUARE® LFR1971-60A/B is two parts paste-like liquid fluorosilicone rubber.

Key Features

Easily-pigmentable

Its vulcanizates are noted for their excellent resistance against fuel and oil.

Applications

SQUARE® LFR1971-60A/B can be used for sealants in aviation and automotive industry. Parts made from SQUARE® LFR1971-60A/B can generally be used for technical applications, but do not comply with regulations in the pharmaceutical and food industry.

General Information			
Features	Good coloring		
	Fuel resistance		
	Oil resistance		
Uses	Aircraft applications		
	Seals		
	Application in Automobile Field		
Appearance	Translucent		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	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	6.00	MPa	ASTM D412
Tensile Elongation (Break)	280	%	ASTM D412
Tear Strength ¹	18.0	kN/m	ASTM D624
Compression Set			DIN 53517
175°C, 22 hr	20	%	DIN 53517
175°C, 22 hr ²	14	%	DIN 53517
Thermoset	Nominal Value	Unit	Test Method
Shelf Life	52	wk	
Uncured Properties	Nominal Value	Unit	Test Method
Viscosity	1000	Pa · s	DIN 53019
Curing Time (165°C)	0.17	hr	
NOTE			
1.	B mould		
2.	Post Cured 1h/100°C		

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