

# SQUARE® LSR6060-30

Silicone Rubber, LSR

Shenzhen SQUARE Silicone Co., Ltd.

## Message:

Silicone rubber for ink matrix

### Product Description

The product is one part liquid silicone rubber with high fluidity, catalyzed by platinum siloxane complex compound, stored under low-temperature, used as silicone ink matrix. Be able to printing various color on products by mixing various pigments with ink matrix, also to make silicone rubber products by pour molding process.

### Key Features

High fluidity and cryogenic storage

### Applications

The viscosity can be changed by adding solvent if necessary. And the aviation kerosene without water is best choice of solvent .

Different pigments are added into the product to meet the requirement for various color products.

The product is suitable for being ink matrix to be applied in silk-screen, transfer printing and spray.

General Information			
Features	High liquidity		
Uses	Printing ink		
Appearance	milky white		
Processing Method	Sprayable		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	30		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set <sup>1</sup>	2	%	ASTM D412
Tensile Strength	3.50	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Tear Strength <sup>2</sup>	12.0	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Shelf Life	26	wk	
Uncured Properties	Nominal Value	Unit	Test Method
Viscosity	40	Pa·s	DIN 53019
Curing Time (150°C)	0.083	hr	
NOTE			
1.	C mould		
2.	B mould		

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