

# SQUARE® LSR6039-40JT

Silicone Rubber, LSR  
Shenzhen SQUARE Silicone Co., Ltd.

Message:

Silicone rubber matrix for coating  
Product Description  
The product is high viscosity and high strength liquid silicone rubber matrix.  
Key Features  
This matrix does not contain crosslinking, platinum catalyst and retarding, add the pigment into the matrix to grinding, then mixing corresponding crosslinking, platinum catalyst and retarde to formulate ink matrix with various colors.  
Applications  
Suitable for ink matrix

| General Information            |                     |      |             |
|--------------------------------|---------------------|------|-------------|
| Features                       | High strength       |      |             |
|                                | Viscosity, High     |      |             |
| Uses                           | Coating application |      |             |
|                                | Printing ink        |      |             |
| Appearance                     | Clear/transparent   |      |             |
| Hardness                       | Nominal Value       |      | Test Method |
| Durometer Hardness (Shore A)   | 40 - 44             |      | ASTM D2240  |
| Elastomers                     | Nominal Value       | Unit | Test Method |
| Tensile Strength               | > 7.50              | MPa  | ASTM D412   |
| Tensile Elongation (Break)     | 450                 | %    | ASTM D412   |
| Tear Strength <sup>1</sup>     | > 30.0              | kN/m | ASTM D624   |
| Compression Set (175°C, 22 hr) | < 6.0               | %    | DIN 53517   |
| Thermoset                      | Nominal Value       | Unit |             |
| Shelf Life                     | 52                  | wk   |             |
| Cured Properties               | Nominal Value       | Unit |             |
| Rebound Resilience             | > 55                | %    |             |
| NOTE                           |                     |      |             |
| 1.                             | B mould             |      |             |

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