

# Silicone Rubber

Technical Data Sheet

SX0325-2022-09 V2

## Sanesil SR 2200 U Series

Description: SR 2200U Series is high resilience and good mechanical properties silicone rubber with the addition of different vulcanizing agents.

### Special properties:

- Excellent tear strength of polymer
- It is not easy to be structured in long-term storage.
- Compromized compression set
- Good thermal stability, heat resistance up to 225°C

### Main applications:

SR2200U series can be used for high resilience, oil resistant occasions and other products suitable for molding, injection, extrusion process.

### Characteristics:

Type (according to GB/T 5576-1997).....MVQ  
 Natural color.....White

### Curing Condition:

After addition of 1.2% of 2.5-dimethyl bis -(tertiobutyl peroxy) 2.5-hexane (50%) and vulcanization for 5 min. at 175. C, with post curing at 200°C×4hrs.

### Mechanical properties:

Item	Test Method	Unit	Technical date					
			SR2230U	SR2240U	SR2250U	SR2270U	SR2280U	SR985U
<b>Mechanical properties, 1.1 after 1st vulcanization</b>								
Specific gravity	ASTM D792	g/cm3	1.09	1.10	1.12	1.18	1.21	1.21
Hardness (Shore A)	ASTM D2240		29	42	52	70	81	82
Tearing strength	ASTM D412	MPa	6	6.4	7.2	9.5	9.5	10.5
Elongation at break	ASTM D412	%	800	400	410	280	250	300
Tear strength (Crescent)	ASTM D 624 B	kN/m	12	15	16	22	25	27
Rebound	GBT 1681-2009	%	77	75	66	49	45	44
Compression set 177 °C ×	ASTM D395 Method A	%	21	22	23	21	24	23

**Packaging:** 20 kg per cardboard boxes.

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**Storage and shelf life:**

SR2200U series may be stored in its original unopened packaging at a temperature below 40.° C for up to 12 months as from the date of manufacture.

For More Product Information, Please Visit Our Website: [www.sanezen.com](http://www.sanezen.com)

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