

# Silicone Rubber

Technical Data Sheet

## SR 7XXU Series

SX0325-2022-08 V2

**Description:** This series is a premixed compound of silicone rubber with good mechanical properties, vulcanizing under heat after addition of a vulcanizing agent that could be chosen according to processing requirement.

**Special properties:**

- Easy to process, not sticky to rolls, easy to demold.
- Good mechanical properties.
- Easy to process and demold, not sticky to rolls.
- Good stability up to 200°C.
- Bright colors easily obtained with color bases.
- Wide range of reloading or blending.

**Main applications:**

- SR7XXU is for excursion process. SR7XXUM is for compression molding process. Molding articles made of this series have good comprehensive properties.

**Characteristics:**

Type (according to GB/T 5576-1997).....VMQ  
 Natural color..... transparent

**Curing Condition:**

SR 7XXU: Cure for 8 mins at 115°C after addition of 1.25% of 2,4-dichloro-benzoyl peroxide (at 50%), and post cure for 4 hours at 200°C.

**Mechanical properties**

Item	Testing Method	Unit	Technical Data				
			SR730U	SR750U	SR760U	SR770U	SR780U
Appearance	Visual Observation		transparent	transparent	transparent	transparent	transparent
Density	ASTM D792	g/cm3	1.09	1.14	1.16	1.20	1.22
Hardness (Shore A)	ASTM D2240	Sha	32	50	59	70	81
Tensile Strength	ASTM D412	Mpa	11.7	12.1	11.6	11.2	10.4
Elongation	ASTM D412	%	948	701	682	532	301
100% M	ASTM D412	Mpa	0.58	1.05	1.67	2.28	4.72
Tear Strength	ASTM D624 Die B	N/mm	22	28	28	34	29

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

**Storage and shelf life:**

This 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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