

Silicone Rubber

Technical Data Sheet

SR 2XXU Series

SX0610-2023-02 V2

Description: This series is a premixed compound of silicone rubber with general purpose with good balanced properties for extrusion process, vulcanizing under heat after addition of a vulcanizing agent that could be chosen according to processing requirement.

Special properties:

- Good balanced mechanical properties for extrusion.
- Good appearance.
- Easy to process and demold, not sticky to rolls.
- Good stability up to 200℃.
- Slight replastification after prolonged storage.
- Wild range of reloading or blending.
- Bright colors easily obtained
- Vacuum-packed

Main applications:

- Extrusions such as seals, sheet, tube, etc.
- Molded articles, calendered sheet, etc.

Characteristics:

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

Natural color..... translucent

Curing Condition:

After addition of 1.1% of 2,5-dimethyl-2-5-di(tert-butylperoxy) hexane (at 45%) and vulcanization for 10 min at 170℃.

Mechanical properties

Item	Testing Method	Unit	Technical Data					
			SR230U	SR240U	SR250U	SR260U	SR270U	SR280U
Appearance	Visual Observation		Translucent	Translucent	Translucent	Translucent	Translucent	Translucent
Density	ASTM D792	g/cm3	1.09	1.13	1.17	1.19	1.21	1.23
Hardness	ASTM D2240	Shore A	31	41	50	59	69	79
Tensile Strength	ASTM D412	Mpa	7.1	8.1	9.0	9.2	8.6	7.7
Elongation	ASTM D412	%	690	587	390	332	238	186
100% Modulus	ASTM D412	Mpa	0.59	0.81	1.39	1.99	3.35	3.52
Tear Strength	ASTM D624 Die B	N/mm	12	14	17	16	18	16
Rebound	ASTM D395 Method B	%	73.9	70.3	68.5	59.9	56.5	52

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

Contact:

Plant Address: Baishou Road, North District of Xuan Zhou Economic Development Zone, Xuan Cheng City
Anhui Province, China.

Commercial Address: Room 1606-1608, Boda Commercial Buildings, No. 11 Puhuitang Road Xuhui District,
Shanghai, China 200030 Tel: +86 21 6487 9251 Fax: +86 21 5106 2693

E-mail: kevenwang@sanezen.com

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