

Heat Resistant Silicone Elastomer

TSE2323 series

TSE2323 series is the heat resistant peroxide cured silicone elastomers for molding.

KEY FEATURES

- ◆ Excellent heat resistance
- ◆ Excellent mechanical properties
- ◆ 50, 60 and 70 durometer grades available

APPLICATIONS

High-temperature parts:

- ◆ Gaskets
- ◆ Boots
- ◆ Heater wires

TYPICAL PROPERTY DATA

UNCURED COMPOUND	TSE2323-5U	TSE2323-6U	TSE2323-7U
Appearance	Light tan		
Specific Gravity (23°C)	1.14	1.17	1.20
Williams Plasticity	240	300	360

CURED COMPOUND (Press cure 10min @170°C; Post cure 4hrs @200°C)				
TC-8 curing agent	phc	0.8		
MECHANICAL PROPERTIES (JIS K6249)				
Hardness (Type A)		50	60	70
Tensile Strength	MPa {kgf/cm ² }	10.0 {102}	11.0 {112}	11.0 {112}
Elongation	%	470	460	330
Tear Strength (Angle)	N/mm {kgf/cm}	29 {30}	32 {33}	29 {30}
Linear Shrinkage	%	4.0	3.9	3.9
HEAT RESISTANCE (After aging 72hrs @250°C)				
Hardness	pt change	+1	+1	+4
Tensile Strength	% change	-15	-16	-25
Elongation	% change	-11	-18	-27

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HANDLING, SAFETY AND STORAGE

- ◆ Wear eye protection and protective glove when handling with this product.
- ◆ Store in a cool and dry place out of direct sunlight.
- ◆ Keep out of the reach of the children.

PACKAGING

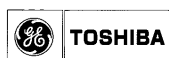
20kg box

TSE2323SERIESE

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FOR INDUSTRIAL USE ONLY

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