

## Flame-retardant Silicone Elastomer

# TSE2183U

TSE2183U is the flame-retardant peroxide cured silicone elastomers for molding.

### KEY FEATURES

- ◆ Dark gray appearance
- ◆ UL94V-0 (thickness:1.0mm) certification (File No. E56745)

### APPLICATIONS

- ◆ Anode caps
- ◆ High-voltage caps

### TYPICAL PROPERTY DATA

UNCURED COMPOUND	TSE2183U
Appearance	Dark gray
Specific Gravity (23°C)	1.45
Williams Plasticity	200

CURED COMPOUND (Press cure 15min @125°C; Post cure 4hrs @200°C)	
TC-1 curing agent phc	0.5
MECHANICAL PROPERTIES (JIS K6249)	
Hardness (Type A)	55
Tensile Strength MPa {kgf/cm <sup>2</sup> }	7.8 {80}
Elongation %	370
Tear Strength (Angle) N/mm {kgf/cm}	26 {27}
Linear Shrinkage %	2.8
ELECTRICAL PROPERTIES (JIS K6249)	
Dielectric Strength KV/mm	24
Volume Resistivity MΩ·m {Ω·cm}	4×10 <sup>7</sup> {4×10 <sup>15</sup> }

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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

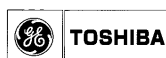
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### **FOR INDUSTRIAL USE ONLY**

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