

Electro-conductive Silicone Elastomer

XE23-B2484

XE23-B2484 is a 75 durometer, electro-conductive silicone elastomer for molding.

KEY FEATURES

- ◆ Excellent electro-conductivity
- ◆ Extrusion molding method is applicable by using curing agents TC-23A/B

APPLICATIONS

- ◆ Electro-conductive parts
- ◆ Rubber contacts
- ◆ EMI shielding
- ◆ Heating elements

TYPICAL PRODUCT DATA

UNCURED COMPOUND		
Appearance		Black
Specific Gravity ((23°C)		1.21
Williams Plasticity		650

CURED COMPOUND (Press cure 10min @170°C; Post cure 4hrs @200°C)		
TC-8 curing agent	phc	3.0
MECHANICAL PROPERTIES (JIS K6249)		
Hardness (Type A)		75
Tensile Strength	MPa {kgf/cm ² }	6.2 {63}
Elongation	%	160
Tear Strength (Angle)	N/mm {kgf/cm}	16 {16}
ELECTRICAL PROPERTIES (JIS K6249)		
Volume Resistivity	MΩ·m {Ω·cm}	2.0×10 ⁻⁸ {2.0}

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HANDLING, SAFETY AND STORAGE

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

PACKAGING

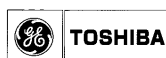
20kg box

XE23-B2484E

Issued Apr. 2000

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