

High Durometer Translucent Silicone Elastomer

TSE2297U

TSE2297U is a high durometer translucent peroxide cured silicone elastomer for molding.

KEY FEATURES

- ◆ High durometer (90duro)
- ◆ Translucent appearance

APPLICATIONS

- ◆ Top part of trans-illuminated type key unit for cellular phones

TYPICAL PROPERTY DATA

UNCURED COMPOUND		
Appearance		Translucent
Specific gravity (23°C)		1.28
Williams plasticity		650
CURED COMPOUND (Press cure 10min @170°C; Post cure 4hrs @200°C)		
TC-8 curing agent	phc	0.5
MECHANICAL PROPERTIES (JIS K6249)		
Hardness (Type A)		90
Tensile strength	MPa {kgf/cm ² }	8.4 {86}
Elongation	%	270
Tear strength (Angle)	N/mm {kgf/cm}	30 {31}
Linear shrinkage	%	3.8

Typical property data values should not be used as specifications. Assistance and specifications are available by contacting GE Toshiba Silicones Commercial Office.

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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.

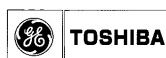
PACKAGING

20kg box

TSE2297 E
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