

Product Data

General Purpose Silicone Rubber Compound

TSE221-XU-F Series

Preliminary data

TSE221-XU-F series is a general-purpose type heat cured silicone rubber compound for molding.

KEY FEATURES

- Excellent process ability
- Well balanced physical properties

APPLICATIONS

- Keypads
- O-rings
- Gaskets
- Rubber Sheets

TYPICAL PROPERTY DATA

(JIS K 6249)

PROPERTIES	TSE221-3U-F	TSE221-5U-F	TSE2277U-F
UNCURED PROPERTIES			
Appearance	Translucent		
William Plasticity	112	204	305
CURED PROPERTIES (Press cure @ 170°C, post cure 4hr @ 200°C)			
TC-8 curing agent %	0.6	0.5	0.5
MECHANICAL PROPERTIES			
Density (23°C) g/cm^3	1.08	1.16	1.21
Hardness (Type A)	30	50	70
Tensile strength kgf/cm^2	54	76	78
Elongation %	520	390	300
Tear strength (Angle) kgf/cm	11	23	26
Linear shrinkage %	4.2	3.8	3.4

Typical property data values should not be used as specifications. Assistance and specifications are available by contacting Momentive Performance Materials Commercial Office.

HANDLING AND SAFETY

- Wear eye protection and protective gloves when handling this product.
- Cure only where appropriate ventilation systems exist.

STORAGE

- Store in a cool and dry place out of direct sunlight.
- Keep out of the reach of children.

Product Data

PACKAGING

20kg box

Issued Jul. 2010, TSE221-XU-F

FOR INDUSTRIAL USE ONLY

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