

Product Description

"KE-541U is one of a series of easy processing, general purpose grade silicone rubber bases. It can be used in a variety of applications requiring finishing by molding or extruding with extending filler."

Product Features

- This product can be blended with KE-551U, KE-561U, KE-571U, and KE-581U for intermediate hardnesses. The choice between these bases will depend on specific requirements.

Typical Applications

- Roll covers.
- Diaphragms.
- O-rings and gaskets.
- Others

Typical Properties

	General Purpose
Type of HCR	
Cure Agent	C-23N
Cure Agent B	C-25A/B
Durometer	40
CA-B Durometer	40
Tensile Strength (psi)	1160
CA-B Tensile Strength (psi)	1190
Elongation (%)	550
CA-B Elongation (%)	690
100% Modulus	130
CA-B 100% Modulus	100
Specific Gravity	1.10
CA-B Specific Gravity	1.10
Tear Die B (ppi)	74
CA-B Tear Die B (ppi)	7
Compression Set (%)	12
CA-B Compression Set (%)	9
Comp. Set Time (hours)	22
Comp. Set Temp. (°C)	100
Comp. Set Temp. (°F)	212
Press Cure/Post Cure	Post
Cure Time (minutes)	120
CA-B Cure Time (minutes)	120
Cure Temp. (°C)	10
Cure Temp. (°F)	50
CA-B Cure Temp. (°C)	10
CA-B Cure Temp. (°F)	50
Post Cure Time (hours)	4
Post Cure Temp. (°C)	200
Post Cure Temp. (°F)	392

Note: Values are not for specification purposes.

