

SR-1 - Specifications

Description

This material is known for its hardness, clarity, and tear resistance. It also has controlled coefficient of thermal expansion making it ideal for casting pressure pads and for use as an advanced composite tooling rubber.

Properties

Hardness ASTM D-2240	40 Shore A	53 Shore A	60 Shore A
Specific gravity	1.08 g/cm ³	1.06 g/cm ³	1.10 g/cm ³
Tensile strength ASTM D-412	930 psi	940 psi	1065 psi
Elongation ASTM D-412	350%	372%	350%
Tear strength ASTM D-624	135 pli	152 pli	90 pli
Coefficient of thermal expansion	-	8.5x10 ⁻⁵ in./in./°F	-

Applications

- Commercial product testing
- Functional assembly
- Public surveys
- Field testing
- Visual evaluation
- Aesthetic evaluation
- Keypads, Buttons, O-rings, Tubes, etc.

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