

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/cm3	1.06 g/cm3	1.10 g/cm3
Tensile strength ASTM D-412	930 psi	940 psi	1065 psi
Elongation ASTM D-412	350%	372%	350%
Tear strength ASTM D-624	135 ppi	152 psi	90 ppi
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.

SR-1



1949 Palomar Oaks Way, Suite 150, Carlsbad, CA 92011
contactus@arrk.com (800) 735-2775

© ARRK North America, Inc. 2020