

TECHNICAL DATASHEET: 50 DUROMETER INDUSTRIAL GRADE SOLID NEOPRENE

PRODUCT DESCRIPTION

50 durometer industrial grade solid neoprene, smooth finish, powder free.

TYPICAL APPLICATIONS

- Excellent for adhesive applications, window setting blocks, protective pads and isolation pads
- Glass carts, glass racks (base), shock absorption, vibration damping, and disparate metals isolation/insulation
- Great for isolation mounting and spacing

PRODUCT FEATURES & BENEFITS

- Natural aging to alkalis and acids
- Good resistance to flame, abrasion and flex cracking
- Limited resistance to weather and ozone

| TECHNICAL DATA | VALUE | TEST METHOD / STANDARD |
|---|---------------------------------|------------------------|
| THICKNESS | 1/16", 3/32", 1/8", 3/16", 1/4" | |
| COLOR | Black | |
| FINISH | Smooth | |
| POLYMER | NBR / SBR /CR | |
| DUROMETER/HARDNESS (SHORE A) | 50 | ASTM D2240 |
| DUROMETER/HARDNESS CHANGE AFTER HEAT AGING 70 HOURS @ 212°F | ±15 points max. | ASTM D573 |
| TENSILE STRENGTH | 1,000 psi min. | ASTM D412 |
| TENSILE STRENGTH CHANGE AFTER HEAT AGING 70 HOURS @ 212°F | ±15% max. | ASTM D573 |
| ULTIMATE ELONGATION | 300% min. | ASTM D412 |
| ELONGATION CHANGE AFTER HEAT AGING 70 HOURS @ 212°F | -50% max. | ASTM D573 |
| COMPRESSION SET, 22 HOURS @ 212°F | 80% max. | ASTM D395B |
| TEMPERATURE RANGE | -20°F to 190°F | |
| SPECIFIC GRAVITY | 1.24 gr/cc | |
| ABRASION RESISTANCE | Good | |
| OZONE RESISTANCE | Limited | |
| WEATHER RESISTANCE | Limited | |
| VOLUME CHANGE AFTER OIL AGING 70 HOURS @ 212°F | 120% max. | ASTM D471 |
| ASTM D2000: 1BC510 | Yes | |

NOTE: Material is within Commercial Sheet Rubber Tolerances.

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**