


CS: 1.00 mm ± 0.08 mm (0.039" ± 0.003 "")
ID: 10.00 mm ± 0.17 mm (0.394" ± 0.007 "")

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|--|--|
|  GLOBAL O-RING and SEAL ALL-AROUND BETTER | PART NUMBER E1.00X010 |
| 14450 John F. Kennedy Blvd. Houston, TX 77032 www.globaloring.com | EPDM 70 Duro Metric O-Ring 1.00 mm CS X 10.00 mm ID |
| Information in this drawing is provided for reference only | |

| | | |
|-----------------|-----------------------------|------------------------------|
| Compound | E70-B101 | EPDM, Black, General Purpose |
| | Temperature Range (Static): | -55°C to 125°C |
| | Specification: | M3CA707 A25 B35 EA14 F17 |

| | | Required Results | Typical Results |
|-------------------|-------------------------------|------------------|-----------------|
| Properties | Hardness, (Shore A) | 70±5 | 69 |
| | Tensile Strength, psi(MPa) | 1015(7)(min) | 1644(11.34) |
| | Elongation, (%) | 200(min) | 333 |
| | Modulus at 100%, psi(MPa) | | 782(5.39) |
| | Density, (Mg/m ³) | | 1.27 |
| A25 | Hardness Change, pts. | +10(max) | +3 |
| | Tensile Strength Change, % | -20(max) | +10 |
| | Elongation Change, % | -40(max) | -34 |
| | Weight Change, % | | +0.1 |
| B35 | - | 70%(plied)(max) | 48.9 |
| EA14 | Hardness Change, pts. | | +1 |
| | Tensile Strength Change, % | | 0 |
| | Elongation Change, % | | -22 |
| | Volume Change, % | ±5 | +1.6 |
| F17 | (ASTM D2137-11, Method C) | | |
| | Sample type: T-50, | | |
| | Coolant : Isopropyl alcohol | | |
| | Low Temperature Property, | pass | pass |