

Technical Data Sheet

Foam | EPDM | 1416R

Our 1416R foam is a 4-8 PCF / 64 - 128 kg/m³ EPDM. Our 1416R is a SCO10 / 1A0 grade of EPDM foam. This foam has good UV resistance capabilities and a service temperature range of -70 F to 250 °F / -56 to 121°C.

| Item | Specs | Test Method |
|--|---|---|
| Grade | SCO10 1A0 B2,C1,C2,C3,F1,F2,M | ASTM D 1056-68 ASTM D 1056-14 Suffix requirements |
| Density (PCF) (kg/m ³) | 4 – 8 PCF 64 – 128 kg/m ³ | ASTM D 1056 |
| Compression Deflection @25% (CFD) (psi) (kPa) | 1 psi max 6.8 kPa max | ASTM D 1056 |
| Shore Hardness OO (Durometer) | 0 – 10 | ASTM D2240 |
| 50% Compression Set (%) (Room Temp) | 25 Max | ASTM D 1056 |
| Tensile Strength (psi) (kPa) | 15 psi min 103 kPa min | ASTM D 412 |
| Elongation % | 175 min | ASTM D 412 |
| Tear Strength Resistance (ppi) | | |
| Water Absorption by Weight % | | |
| Accelerated Age Testing | | ASTM D 1056 |
| Service Temperature (°F)(°C) | -70 to 250 °F - 56 to 121 °C | ASTM D 746 |
| Flame Resistance | 0 burn rate @ 1/8" HF-1 @ 3.4mm V0 @ 3.2mm 5VA @ 3.4mm 5VB @ 4.5mm | FMVSS 302 UL 94 |
| Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications; | TSK6505 2A1/2A2 MSAY 528, MSAY 550 MSAY 430 Type 1 GMN11106 Type 1AA GMW15473, Class 1 Type 1 GMW17408 Class I Type I Ford WSB-M3G212A WSB-M3G102-B2 Hyundai MS260-13 | |

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ISO 9001:2015 • ISO/IEC 17025:2017

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