

N-8090

Syntheseal®/Nonasbestos Gasket Material

F724900E49M6

Description:

N-8090 has a latent cure nitrile butadiene rubber binder and reinforced cellulose fiber. It has excellent oil resistance, good sealing characteristics, and is intended for applications with short duration maximum temperatures up to 180°C (350°F). N-8090 has UL component recognition.

Specification Properties:

| Property | Value | Method |
|---------------------------------|---------------------|-------------|
| Density, g/cc(lb/cu.ft) | 1.28 (80) (min.) | ASTM F 1315 |
| Compressibility, % (at 34.5MPa) | 15 - 20 | ASTM F 36 |
| Recovery, % | 35 (min.) | ASTM F 36 |
| Tensile Strength, AMD, MPa(psi) | 13.79 (2000) (min.) | ASTM F 152 |
| Fluid Resistance, IRM903 Oil | | ASTM F 146 |
| Change in Tensile Strength, % | 45 (max.) | |
| Change in Thickness, % | 30 (max.) | |
| Change in Compressibility, % | 50 (max.) | |
| Fluid Resistance, Fuel B | | ASTM F 146 |
| Change in Thickness, % | 20 (max.) | |
| Change in Weight, % | 30 (max.) | |
| Binder Type | Nitrile Butadiene | |

Remarks and Related Documents:

Specification values determined by the test methods required for ASTM F-104, Type 7 materials.

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Specification Data Sheet

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