

N-8092ct

Syntheseal®/Nonasbestos Gasket Material

F729900E59M9

Description

N-8092ct (See also N-8092) is used primarily in hermetic compressor valve plate applications that require close tolerance gauge control for shimming. It is intended for applications with short duration maximum temperatures up to 180°C (350°F).

Specification Properties

| Property | Value | Method |
|---------------------------------|---------------------|-------------|
| Density, g/cc(lb/cu.ft) | 1.20 (75) (min.) | ASTM F 1315 |
| Compressibility, % (at 34.5MPa) | 15 - 30 | ASTM F 36 |
| Recovery, % | 35 (min.) | ASTM F 36 |
| Tensile Strength, AMD, MPa(psi) | 11.03 (1600) (min.) | ASTM F 152 |
| Fluid Resistance, IRM903 Oil | | ASTM F 146 |
| Change in Tensile Strength, % | 30 (max.) | |
| Change in Thickness, % | 20 (max.) | |
| Change in Compressibility, % | 40 (max.) | |
| Fluid Resistance, Fuel B | | ASTM F 146 |
| Change in Thickness, % | 20 (max.) | |
| Change in Weight, % | 40 (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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