

SPECIFICATION DATA SHEET

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 - 25	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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