



Material Specification

NI-2085

Standard/Nonasbestos Gasket Material
F723940E49M5

Description

NI-2085 has a nitrile butadiene rubber binder for resistance to water, coolant, oil and fuel. It has excellent strength and sealability characteristics, and is intended for applications with short duration maximum temperatures up to 190°C (375°F).

Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.36 (85) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	10 - 20	ASTM F 36
Recovery, %	40 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	10.34 (1500) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	40 (max.)	
Change in Thickness, %	20 (max.)	
Change in Weight, %	30 (max.)	
Change in Compressibility, %	30 (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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