

D-7280

Hydro-Fused®/Nonasbestos Gasket Material

F729190B9E93M5

Description

D-7280 is a compressible material with fully cured nitrile butadiene rubber binder for added resistance to fuel, oil, coolant, and water. 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, %	40 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	10.34 (1500) (min.)	ASTM F 152
Flexibility, Mandrel Bend, 12 X Ga.	No Cracks	ASTM F 147
Creep Relaxation, %	35 (max.) (0.8mm ga.)	ASTM F 38
Sealability, Stoddard Solvent, ml/hr	1.5 (max.) at (500psi/10psi)	ASTM F 37
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	30 (max.)	
Change in Thickness, %	15 (max.)	
Change in Weight, %	45 (max.)	
Change in Compressibility, %	35 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	35 (max.)	
Binder Type	Fully Cured 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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Revised 09/23/19
Form SPDS-01 09/17/19
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