

CMP-4200

Hydro-Fused®/Compressed MicroPore® Gasket Material

F729190E33M9

Description

CMP-4200 is a solvent-free, high performance compressed MicroPore gasket material. It was developed for steam, water, oil, and chemical resistance in Original Equipment and Industrial applications. It has exceptional sealability, torque retention, crush and blowout resistance, and is intended for applications with short duration maximum temperatures up to 350°C (650°F).

Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.55 (97) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	7 - 17	ASTM F 36
Recovery, %	50 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	12 (1740) (min.)	ASTM F 152
Flexibility, Mandrel Bend, 12 X Ga.	No Cracks	ASTM F 147
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	25 (max.)	
Change in Tensile Strength, %	30 (max.)	
Change in Compressibility, %	17 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	20 (max.)	
Binder Type	Fully Cured Nitrile Butadiene/ Styrene Butadiene Rubber Blend	
Color	Grey	

Remarks and Related Documents

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

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