

NI-2098

Standard/Nonasbestos Cylinder Head Facing Material F729990E52M2

Description

NI-2098 is a heavy-duty cylinder head facing material that is used with both solid and perforated metal cores. It is a non-asbestos material with nitrile butadiene rubber binder, and is compatible with most polymers used in bead printing processes.

Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.19 (74) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	15 - 30	ASTM F 36
Recovery, %	20 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	1.72 (250) (min.)	ASTM F 152
Weight Loss on Ignition, % (at 815°C)	30 (max.)	ASTM F 495
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	20 (max.)	
Change in Weight, %	55 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	40 (max.)	
Fluid Resistance, Glycol/Water 50/50		ASTM F 146
Change in Thickness, %	20 (max.)	
Change in Weight, %	75 (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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SPECIFICATION DATA SHEET

NI-2098

Standard/Nonasbestos Cylinder Head Facing Material

F729990E52M2

Revision	Requester	Description of Change	Director of Product Engineering	Regional Sales Director	Segment Manager	Date of Change
0	Initial Data Sheet					
A	L. Gindlesperger	Updated Data Sheet Template with Company Logo, Company Locations, and added 2nd page with Change Log.	N/A	N/A	R. Lavertu	5/28/21

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