

NI-2096

Standard/Nonasbestos Cylinder Head Facing Material F729990E52M9

Description:

NI-2096 is a cylinder head facing material designed to deliver the performance required by worldwide cylinder head applications. It is a non-asbestos material with inorganic fillers encapsulated by nitrile butadiene rubber binder.

Specification Properties:

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.19 (74) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	35 (max.)	ASTM F 36
Recovery, %	20 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	4.48 (650) (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, %	10 (max.)	
Change in Weight, %	45 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	40 (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

Revised 07/01/15

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Seal & Design
Corporate Headquarters
Ph: (716)-759-3344
Info@SealAndDesign.com
www.SealAndDesign.com

For more information, please visit
www.InterfaceMaterials.com or contact

WORLD HEADQUARTERS
Interface Performance Materials, Inc.
216 Wohlsen Way
Lancaster, PA 17603
USA
+1.717.207.6000

TECHNICAL CENTER
Interface Performance Materials, Inc.
215 Wohlsen Way
Lancaster, PA 17603
USA
+1.717.207.6000

NORTH AMERICA
Interface Performance Materials, Inc.
22260 Haggerty Road, Suite 200
Northville, MI 48167
USA
+1.248.596.2800

ASIA PACIFIC
Interface Sealing Solutions Shanghai Co., LTD
Unit 14F, No. 728
Yan An Road West, Changning District
Shanghai 200050
China
+8621.5238.5650

EUROPE & SOUTH AMERICA
Interface Sealing Solutions Europe
Lili Pean, Le Bourg
Bonloc 64240
France
+33.5.5929.1220

GERMANY
Interface Performance Materials
Altenkirchen GmbH
P.O. Box 12 63
Koblener Strasse
Altenkirchen D-57610
Germany
+49.2681.80020

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Performance Materials