

Jagolit 60

Heat Shield Filler Material

Description

Jagolit 60 is a medium density, highly inorganic material with excellent heat and flame resistance, and low thermal conductivity. It is targeted for use on higher temperature applications as an insulating filler material in 3-part heat shield construction, and can withstand a maximum temperature of 1000°C. It is available in 1.0mm thickness; other thicknesses may be subject to a minimum order quantity.

Typical Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.0 (62.4)	ASTM F 1315
Compressibility, % (at 6.9MPa)	18	ASTM F 36
Recovery, %	25	ASTM F 36
Tensile Strength, AMD, MPa(psi)	1.0 (145)	ASTM F 152
Weight Loss on Ignition, % (at 600°C)	18	ASTM F 495
Thermal Conductivity, W/m.K	0.12	ASTM F 433
Flame Resistance	DNI	SAE J 369

Remarks and Related Documents

Typical values determined by the test methods required for ASTM F-104, Type 3 materials.

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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
AE@InterfaceMaterials.com
+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

INDIA
Interface Performance Materials India LLP
Mandkola Road, Vill. Atta, Sohna,
Distt: Mewat, Nuh-122103 (Haryana)
+91.0124.8930992166

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
Koblenzer Strasse
Altenkirchen D-57610
Germany
+49.2681.80020