



PRODUCT DATA

Brand Name: **HM 26 LIF**

Description: HM 26 LIF is a Fine Grain, General Purpose Gunning Mix bonded with Low Iron Cement. HM 26 LIF can be used to repair and maintain Coke Oven Walls.

Physical properties shown are average values of samples taken under controlled conditions
 ASTM test methods used where applicable

Maximum Service Temperature: 2600°F (1427°C)

<u>Bulk Density (pcf)</u>	<u>Gunning Data</u>	
After 300°F (149°C)	125	(2.00 g/cm ³)
After 2000°F (1093°C)	125	(1.97 g/cm ³)
After 2500°F (1371°C)	123	(1.97 g/cm ³)

<u>Modulus of Rupture (psi)</u>		
After 300°F (149°C)	450 - 600	(32 - 42 kg/cm ²)
After 2000°F (1093°C)	300 - 400	(21 - 28 kg/cm ²)
After 2500°F (1371°C)	500 - 800	(35 - 56 kg/cm ²)

<u>Permanent Linear Change (%)</u>	
After 300°F (149°C)	-0.1 to 0
After 2000°F (1093°C)	-0.3 to -0.1
After 2500°F (1371°C)	0.2 to 0.3

<u>Typical Chemical Analysis (%)</u> (Calcined Basis)	
Alumina (Al ₂ O ₃)	49.3
Silica (SiO ₂)	44.1
Iron Oxide (Fe ₂ O ₃)	1.1
Titania (TiO ₂)	1.1
Lime (CaO)	4.2
Magnesia (MgO)	0.1
Alkalis (Na ₂ O+K ₂ O)	0.4

Standard Packaging: 55 lb bag. 72 bags per pallet. Bulk packaging available.
 Brand Code: 3028

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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