耐磨耐火可塑料 Wear-resistant plastic refractories

耐磨耐火可塑料與傳統的耐火可塑料相比，具有可塑性能好，保存期長等特點外，還具有強度高，耐磨性好的特點。由於採用了複合結合劑，其強度隨溫升而提高。以電熔剛玉、莫來石、特級鋁礬土為主要原料，確保可塑料具有較高的耐壓強度和耐磨性，特別用於CFB 鍋爐的修補和耐磨襯裡的整體施工。

Compared with the traditional refractories plastic materials, the wear resistant plastic refractories is featured with good plastic ability, long shelf life, high strength and good wear resistance. By adopting composite binder, its intensity enhances as the increasing temperature. The wear-resistant plastic refractories, using fused corundum, mullite and special bauxite as main starting materials, isusitable to repair CFB and construct the wear resistant linings.

技術參數 Technical Data

材料牌號		NM-A	
項　目		規格值 Standard value	實測值 Typical value
體積密度 Bulk density g/cm^3	110℃×24h	≧2.50	2.64
耐壓強度 Cold crushing strength MPa	110℃×24h	≧60	83.6
	1100℃×3h	≧80	98.4
抗折強度 Modulus of rupture, MPa	110℃×24h	≧12	15.3
	1100℃×3h	≧15	18.2
化學組成 Chemical composition，%	Al_2O_3	≧70	74.52
最高使用溫度 Max. service temperature，℃		1500	
使用部位		用於密相區等防磨部位。 Wear resistant parts, such as dense phase area, etc.	

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