



Monolithic Refractories for Hot Blast Stove

Data Sheet

Item		Fireclay Based Mortar				Mullite Based Mortar	High Alumina Based Mortar
		CLN55A	CNM13P	CNM12P	CNM11P	CHM01P	CHM12P
Al ₂ O ₃	% ≥	42	45	50	55	85	70
M.O.R. (MPa) ≥	110℃×24h	1	2	2	2	3	4
	1200℃×3h	3	6	---	---	---	---
	1300℃×2h	---	---	6	---	---	6
	1400℃×2h	---	---	---	6	---	---
	1500℃×2h	---	---	---	---	6	---
Grain size %	110℃×24h (≤)	1	1	1	1	1	1
	1200℃×3h (≥)	50	50	50	50	50	50
Refractoriness (℃) ≥		1710	1730	1750	1790	1790	1790
Refractoriness under load T ₂ (℃) ≥		1200	1200	1250	1350	1650	1550
Adhesive time (min)		1-2	1-2	1-2	1-2	1-2	1-2
Application		Used for same material masonry					

Note: Technical Data are typical results from test pieces. This information, subject to change, is offered solely for your consideration. Users of our products should make their own tests to determine the suitability of each product for their particular purposes.