

3. 玻璃窯用鋁—硅系耐火磚

Alumina-silicon series refractory bricks for glass melting kilns



指標 Index	名稱牌號 Brand of name	低氣孔粘土磚	二級高鋁磚	硅線石磚		莫來石磚	剛玉—莫來石磚	燒結剛玉磚
		low-porosity fireclay brick	class 2 high- alumina brick	sillimanite bricks		mullite brick	corundum-mullite brick	sintered corundum brick
		XND-45	XLZ-55	XGC-A	XGC-B	XM-70	XCM-85	XA-95
Al ₂ O ₃	%	≥45	≥55	≥60	≥65	≥70	≥85	≥95
SiO ₂	%	≤38	≤33	≤28	≤14			
ZrO ₂	%							
常溫耐壓強度 Cold crushing strength	Mpa	≥45	≥45	≥75	≥75	≥90	≥90	≥90
體積密度 Bulk density	g/cm ³	≥2.2	≥2.35	≥2.40	≥2.45	≥2.55	≥2.80	≥3.20
0.2Mpa 荷重軟化溫度 Refractoriness under load T _{0.6}	°C	≥1400	≥1420	≥1550	≥1600	≥1650	≥1650	1700
顯氣孔率 Apparent porosity	%	≤15		≤18	≤18	≤18	≤18	≤16