



KT Refractories US Company

Warehouse Address: 4583 S. Wayside Dr., Houston, TX 77087

Phone: 1877-365-2995 Fax: 713-838-2248

www.KTRefractories.com

TECHNICAL DATASHEETS FOR AL-99 AND AL-90

Properties		Brand	AL-99	
			SPEC	TYPICAL
Main Components		White Fused Alumina		
Apparent Porosity (%)			22 Max	18.0
Bulk Density			3.10 Min	3.20
Cold Crushing Strength (N/mm ²)			50 Min	90
Chemical Composition (%)	Al ₂ O ₃		98.0 Min	99.2
	SiO ₂		1.0 Max	0.3
	Fe ₂ O ₃		0.5 Max	0.2



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Properties		Brand	AL-90	
			SPEC	TYPICAL
Main Components		White Fused Alumina Andalusite		
Apparent Porosity (%)			22 Max	18.0
Bulk Density			2.95 Min	3.05
Cold Crushing Strength (N/mm ²)			50 Min	90
Chemical Composition (%)	Al ₂ O ₃		85.0 Min	90.0
	SiO ₂		13.0 Max	8.5
	Fe ₂ O ₃		1.0 Max	0.5