



# KT Refractories US Company

Office Address: 3615 Elmridge St, Houston, TX 77025

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

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

[www.KTRefractories.com](http://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 <sup>2</sup> )			50 Min	90
Chemical Composition (%)	Al <sub>2</sub> O <sub>3</sub>		98.0 Min	99.2
	SiO <sub>2</sub>		1.0 Max	0.3
	Fe <sub>2</sub> O <sub>3</sub>		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 <sup>2</sup> )			50 Min	90
Chemical Composition (%)	Al <sub>2</sub> O <sub>3</sub>		85.0 Min	90.0
	SiO <sub>2</sub>		13.0 Max	8.5
	Fe <sub>2</sub> O <sub>3</sub>		1.0 Max	0.5