



# 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)

## 85% High Alumina Refractory Brick Specs

We listed three types of 85% alumina bricks:

Properties \ Brand		DL-87W	
		SPEC	TYPICAL
Apparent Porosity (%)		20 Max	17.0
Bulk Density (g/cm <sup>3</sup> )		2.85 Min	2.90
Cold Crushing Strength (Mpa)		70 Min	95
Chemical Composition (%)	Al <sub>2</sub> O <sub>3</sub>	85.0 Min	87.0
	Fe <sub>2</sub> O <sub>3</sub>	1.5 Max	1.0

Properties \ Brand			DL-85	
			SPEC	TYPICAL
Main Components			Bauxite	
Apparent Porosity		%	24.0 Max	20.0
Bulk Density		g/cm <sup>3</sup>	2.70 Min	2.80
Cold Crushing Strength		Kg/cm <sup>2</sup>	400 Min	600
Chemical Composition	Al <sub>2</sub> O <sub>3</sub>	%	81.0 Min	84.0
	SiO <sub>2</sub>		13.0 Max	9.5
	Fe <sub>2</sub> O <sub>3</sub>		2.0 Max	1.5
	TiO <sub>2</sub>		-	3.2



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Properties		Brand	WM-85	
			SPEC	TYPICAL
Main Components		White Fused Alumina Fused Mullite		
Apparent Porosity		%	20.0 Max	16.0
Bulk Density		g/cm <sup>3</sup>	2.80 Min	2.90
Cold Crushing Strength		Kg/cm <sup>2</sup>	600 Min	900
Chemical Composition	Al <sub>2</sub> O <sub>3</sub>	%	82.0 Min	85.0
	SiO <sub>2</sub>		15.0 Max	12.0
	Fe <sub>2</sub> O <sub>3</sub>		1.0 Max	0.5
	TiO <sub>2</sub>		-	0.2

\* The data are typical of the properties for the standard size.