



# KT Refractories US Company

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## TECHNICAL DATA SHEET

Properties		Brand	KIB-17S	
			SPEC	TYPICAL
Main Components		Bubble Alumina Sintered Mullite		
Bulk Density			1.8 Max	1.78
Cold Crushing Strength (Mpa)			20 Min	25
Linear change after reheating (1,400°C*24hrs,%)			0.5 Min	0.45
Thermal Conductivity (W/m.k)	350°C		-	0.72
	400°C		-	0.78
	600°C		-	0.83
	800°C		-	0.88
	1000°C		-	0.95
	1200°C		-	1.03
Chemical Composition (%)	Al <sub>2</sub> O <sub>3</sub>		82.0 Min	87.5
	SiO <sub>2</sub>		10.0 Max	8.8
	Fe <sub>2</sub> O <sub>3</sub>		1.0 Max	0.6