



# KT Refractories US Company

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## TECHNICAL DATASHEET

### CLASS:

Mullite - Corundum Products

### BRAND:

**MS-80 (Pressing)**

### CHEMICAL ANALYSIS:

Al <sub>2</sub> O <sub>3</sub>	(%)	≥80
SiO <sub>2</sub>	(%)	≤18
Fe <sub>2</sub> O <sub>3</sub>	(%)	≤0.5

### PHYSICAL PROPERTIES:

Apparent Porosity	(%)	≤17
Bulk Density	(g/cm <sup>3</sup> )	≥2.75
Refractoriness Under Load	T <sub>0.6</sub> (°C)	≥1680
Cold Crushing Strength	(MPa)	> 100

### CLASS:

Mullite - Corundum Products

### BRAND:

**CM-80 (Slip Casting)**

### CHEMICAL ANALYSIS:

Al <sub>2</sub> O <sub>3</sub>	(%)	≥80
SiO <sub>2</sub>	(%)	≤18
Fe <sub>2</sub> O <sub>3</sub>	(%)	≤0.5

### PHYSICAL PROPERTIES:

Apparent Porosity	(%)	≤23
Bulk Density	(g/cm <sup>3</sup> )	≥2.50
Refractoriness Under Load	T <sub>0.6</sub> (°C)	≥1650
Cold Crushing Strength	(MPa)	≥90

All chemical-physical data are obtained based on the corresponding refractory bricks of standard size.

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