

# ACCUCAST FLOUR LD

Low-density inert ceramic flour

The high quality, consistency and purity of ACCUCAST FLOUR LD improves refractoriness and offers lower thermal expansion and greater compatibility than silica flour.

## Physical properties

### Typical size gradation (%)

Grade	400	325	200
<200 mesh (75µm)	100	83	56
<325 mesh (45µm)	99	62	32
<635 mesh (20µm)	70	43	10

### Typical additional properties

Bulk density (g/cm <sup>3</sup> ) (lb/ft <sup>3</sup> )	1.25 78	1.60 100	1.80 112
Heat capacity Cp, cal/g-°C @200°C @1,000°C		0.17 0.21	
Absolute density (g/cm <sup>3</sup> )		2.88	
pH		7.2	
Acid demand value @pH 5 @pH 7		0.7 0.3	

Data is subject to change due to continuous improvement of the product.



### Chemical composition (weight %)

	Mullite, crystobalite and amorphous phase
Al <sub>2</sub> O <sub>3</sub>	45-55
SiO <sub>2</sub>	40-55
Fe <sub>2</sub> O <sub>3</sub>	1-5
TiO <sub>2</sub>	1-5

### Thermal Expansion Coefficient (@1100°C)

1E-6 in/in-°C	6.21
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Talk to CARBO to find out how we can help you enhance your production.

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[carboindustrial.com](http://carboindustrial.com)

**CARBO**

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