

## Powerblast LS

### Technical Data Sheet

*This has been specifically designed for either dry or wet abrasive blasting.*

#### Typical Chemical Analysis (%):

Aluminium Oxide	Al <sub>2</sub> O <sub>3</sub>	36 – 46
Iron Oxide	Fe <sub>2</sub> O <sub>3</sub>	14 - 18
Silicon Dioxide (total)	SiO <sub>2</sub>	22 – 27
Titanium Oxide	TiO <sub>2</sub>	5 - 16
Zirconium Dioxide	ZrO <sub>2</sub>	4 - 8

#### Typical Physical Properties:

**Colour**..... Dark reddish brown  
**Bulk Density (loose)**..... ~130 lbs./ft.<sup>3</sup>  
**Bulk Density (compacted)**..... ~142 lbs./ft.<sup>3</sup>  
**Specific Gravity** ..... 3.7 – 3.8  
**Moisture** ..... < 0.30%

**Grain Shape**..... Angular  
**Moh Hardness** ..... 7 – 7.5  
**Melting Point** ..... na  
**Solubility** ..... Insoluble

#### Typical Gradation:

U.S. Mesh	Microns	Percent	
		Retained	Passing
20	850	0.0	100.0
30	600	0.0	100.0
40	425	0.0	100.0
50	300	1.0	99.0
70	212	25.0	74.0
100	150	35.0	39.0
140	106	28.0	11.0
200	75	10.0	1.0
270	53	1.0	0.0
PAN		0.0	0.0

Grain Fineness #: 70 - 90

