

Black Blast 20-40

Technical Data Sheet

This extremely sharp coal slag has been specifically designed for dry abrasive blasting.

Typical Chemical Analysis (%):

Silicon Dioxide (total)	SiO ₂	46.5
	<i>Respirable Silica-Quartz</i>	<i>ND</i>
	<i>Respirable Silica-Cristobalite</i>	<i>ND</i>
Aluminum Oxide	Al ₂ O ₃	22.5
Iron Oxide	Fe ₂ O ₃	19.0
Calcium Oxide	CaO	5.5
Magnesium Oxide	MgO	1.0
Potassium Oxide	K ₂ O	1.0
Titanium Oxide	TiO ₂	1.0
Loss On Ignition	LOI	3.0

Typical Physical Properties:

Colour	Lustrous black	Grain Shape	Angular
Bulk Density (loose)	82 lbs./ft. ³	Moh Hardness	na
Bulk Density (compacted)	90 lbs./ft. ³	Knoop 100 Hardness	na
Moisture	< 0.20%	Solubility	Insoluble

Typical Gradation:

U.S. Mesh	Microns	Per Cent	
		Retained	Passing
12	1700	0.0	100.0
16	1180	4.6	95.4
20	850	25.5	69.9
30	600	30.0	39.9
40	425	32.1	7.7
50	300	6.6	1.1
70	212	0.9	0.2
100	150	0.2	0.0
140	106	0.0	0.0
PAN	0	0.0	0.0
Grain Fineness #:		21.8	
Normal Size (mm):		0.61	

