
Bengal Bay Garnet

Bengal Bay Garnet is an almandine garnet which is known for its hardness and durability. It is a chemically inert, natural mineral suitable for blast cleaning operations. Where conditions allow recycling the material can be used as a cheap alternative to Aluminium Oxide, Chilled Iron or Steel Grit.

Typical Analysis		Physical Properties		Grade	Particle	Mesh
Si O ₂	35%	Specific Gravity	4.0 – 4.1	Coarse	1.68 – 0.42mm	12/20
Fe O ₂	33%	Hardness	7.5 – 8.0 Moh	Medium	0.85– 0.25 mm	20/40
Al ₂ O ₂	23%	Chloride Content	<25 ppm	Fine	0.60-0.25mm	30/60
Mg O	7%	Melting Point	1315°C	Jet Cut 80 mesh	0.25-0.18mm	
Ca O	1%	Shape	Angular/Round	Jet Cut 120 mesh	0.18-0.08mm	
M O	1%	Free Silica	<0.05%			
		Conductivity	60-100 µS/cm			

Packaging : 25 kilo sacks loaded on pallets and shrinkwrapped. Equivalent to International Standard ISO11126 and BS 7079.

Hodge Clemco Ltd
 Orgreave Drive
 Sheffield
 S13 9NR
 Tel: 0114 254 8811
 Fax: 0114 254 0250
 Email: sales@hodgeclemco.co.uk