



PAN MARINE BLASTING ABRASIVES PTE LTD

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PRODUCT DATA SHEET

Product: ANTHRACITE

Std. Specification: E. Size: 0.6 - 0.8 mm UC 1.5 MAX
E. Size: 0.8 - 1.0 mm UC 1.5 MAX
E. Size: 1.0 - 1.2 mm UC 1.5 MAX
E. Size: 1.2 - 1.4 mm UC 1.5 MAX
E. Size: 0.6 - 1.2 mm UC 1.5 MAX
E. Size: 1.2 - 2.4 mm UC 1.5 MAX

Appearance: Hard durable cubic sub angular particles, graded to the above specifications.

Main Applications: Filtration Media used in Water & Wastewater Treatment.

Properties

Bulk Density approx. 0.72 - 0.8 t/m³
Specific Gravity approx. 1.45
Acid Solubility <1%
Solubility in 1% NaOH <2%
Hardgrove Grindability 50 Max

Test Methods

AS1141.4, AWS App D
AS1289C5.1
AWWA-B100 (50% Hcl)
AWWA-B100 (@88C)
AS1038 part 20

Ultimate Analysis

Carbon	87.0%
Hydrogen	4.1%
Nitrogen	1.4%
Sulphur (less Sulphur in ash)	0.2%
Oxygen by difference	7.8%
Phosphorus	0.004%

Chemical Analysis

The following properties listed below are to be used a guideline only. Minor variation to these results is to be expected over a period of time due to slight variations in raw feed.

Ash 13.5% tolerance +/- 1.0%	58.1%
SiO ₂	29.6%
Al ₂ O ₃	2.43%
CaO	0.89%
MgO	0.25%
Na ₂ O	0.96%
K ₂ O	1.38%
TiO ₂	0.08%
Mn ₃ O ₄	0.68%
SO ₃	0.143%
P ₂ O ₅	0.04%
BaO	0.05%
SrO	0.01%
ZnO	0.009%
Phosphorus (in coal)	0.03%