



Filtration and Water Treatment

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Product specification of filter media

Basalt 1

Commercial name

Crushed Basalt No 1

Specific Gravity

2610 kg/m³

Type of material

Basalt Sand

Appearance

Natural Crshed particles

Size and Weight**Value****Deviation****Comments****Effective Size**

1.0 mm

± 5%

d10

Particle size range

0.85-2.5 mm

Coefficient of Uniformity

<1.5

d60/d10

Bulk Density

1510 kg/m³

ASTM C 127 + IS 1865
part 2 Sec. D

Hardness

5-6

Mohs

Acid Solubility

4.2%

AWWA B100-01

Packing

25 kg begs

Big Bags

Bulk

SiO₂

Al₂O₃

FeO₃

K₂O

MgO

CaO

Na₂O

Loi

46.6%

14.5%

12.5%

1.0%

3.4%

10.4%

3.7%

2.1%

