



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
Manufactured by	Shoshani & Weinstein LTD

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%