



## Product specification of filter media

### Basalt 0

<b>Commercial name</b>	<b>Crushed Basalt No 0</b>
<b>Specific Gravity</b>	<b>2610 kg/m<sup>3</sup></b>
<b>Type of material</b>	<b>Basalt Sand</b>
<b>Appearance</b>	<b>Natural Crshed particles</b>
<b>Manufactured by</b>	<b>Shoshani &amp; Weinstein LTD</b>

<b>Size and Weight</b>	<b>Value</b>	<b>Deviation</b>	<b>Comments</b>
<b>Effective Size</b>	<b>0.55 mm</b>	<b>± 5%</b>	<b>d10</b>
<b>Particle size range</b>	<b>0.5-1 mm</b>		
<b>Coefficient of Uniformity</b>	<b>&lt;1.5</b>		<b>d60/d10</b>
<b>Bulk Density</b>	<b>1480 kg/m<sup>3</sup></b>		<b>ASTM C 127 + IS 1865 part 2 Sec. D</b>
<b>Hardness</b>	<b>5-6</b>		<b>Mohs</b>
<b>Acid Solubility</b>	<b>4.2%</b>		<b>AWWA B100-01</b>
<b>Packing</b>	<b>25 kg begs</b>	<b>Big Bags</b>	<b>Bulk</b>

<b>SiO<sub>2</sub></b>	<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>FeO<sub>3</sub></b>	<b>K<sub>2</sub>O</b>	<b>MgO</b>	<b>CaO</b>	<b>Na<sub>2</sub>O</b>	<b>Loi</b>
<b>46.6%</b>	<b>14.5%</b>	<b>12.5%</b>	<b>1.0%</b>	<b>3.4%</b>	<b>10.4%</b>	<b>3.7%</b>	<b>2.1%</b>