



zeobrite[®] POOL FILTER MEDIA

Engineered Physical Properties

Particle Size: 14 by 30 mesh 0.5mm to 1.5 mm

<u>Cumulative percent retained</u>	<u>Particle Size (mm)</u>	<u>Mesh Size</u>
1	1.40	14
33	1.18	16
56	1.00	18
68	0.85	20
96	0.43	40
98	0.30	50

$d_{10} = 0.55 \text{ mm} = \text{Effective Size (by definition)}$

$d_{60} = 0.90 \text{ mm}$

Uniformity Coefficient, $UC = d_{60}/d_{10} = 1.64$

Shape Factor = 0.68

Wet Particle Density = 1800 g/l (silica sand = 2600 g/l)

Dry Weight = 50 lbs per cubic foot (silica sand = 100 lbs per cubic foot)

Bed Expansion at 17 gpm/ft² = 30 percent

Abrasion Resistance, ASTM C-131 = 20, grading C, 500 revolutions

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