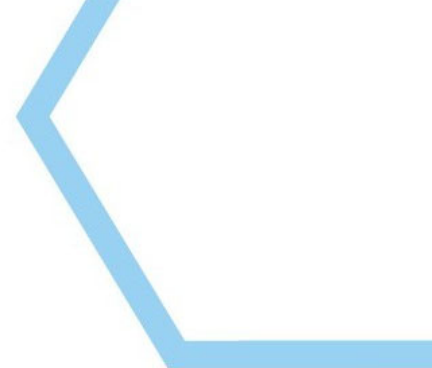




Technical Specifications for Zeomedia Premium I4-40

Parameter	Specification Range	Standard or Method
Volumetric weight (kg/M3)	690-790 kg	ASTM D7263 - 09
Specific weight (g/cm2)	1,5 -2,2g	ASTM D854 - 14
Mesh effective size range	14-40	ASTM D1921 - 18
Uniformity coefficient	1.61	ASTM D1921 - 18
Percentage of the material below mesh 40 (weight)	Max.: 2%	ASTM D1921 - 18
Percentage of acid soluble material	Max 5%	ANSI/AWWA B100-89
Grain firmness (Newtons)	Min.: 74	Analysis by texturometer TVT
Compression work (secs.)	Min.: 22	
Poisson Coefficient (Secs./Newtons)	Min.: 029	
Surface area m2/gram	Min.: 34%	Bet method
Percentage of clinoptilolite	Min.: 81%	Difracción de rayos X
Percentage of clay	Max: 5%	Difracción de rayos X
Certification	NSF/ANSI 61	NSF/ANSI 61



Granulometric analysis

zeomedia 14-40

Sieve No	Diameter mm	Percent retained	Percent finer
6	3.35	0.0	100.0
8	2.38	0.0	100.0
12	1.68	0.0	100.0
14	1.41	0.0	100.0
16	1.19	0.0	100.0
20	0.841	92.0	8.0
30	0.595	1.0	7.0
40	0.42	6.0	1.0
FONDO (Charola)		1.0	0.0

Sample	Uniformity Coefficient	Aparent Densiry	Moisture
<i>Zeomedia 14-40</i>	1.28	0.72g/cm3	5.54%

GRANULOMETRIC CURVE

