



Sympatec GmbH
System-Partikel-Technik



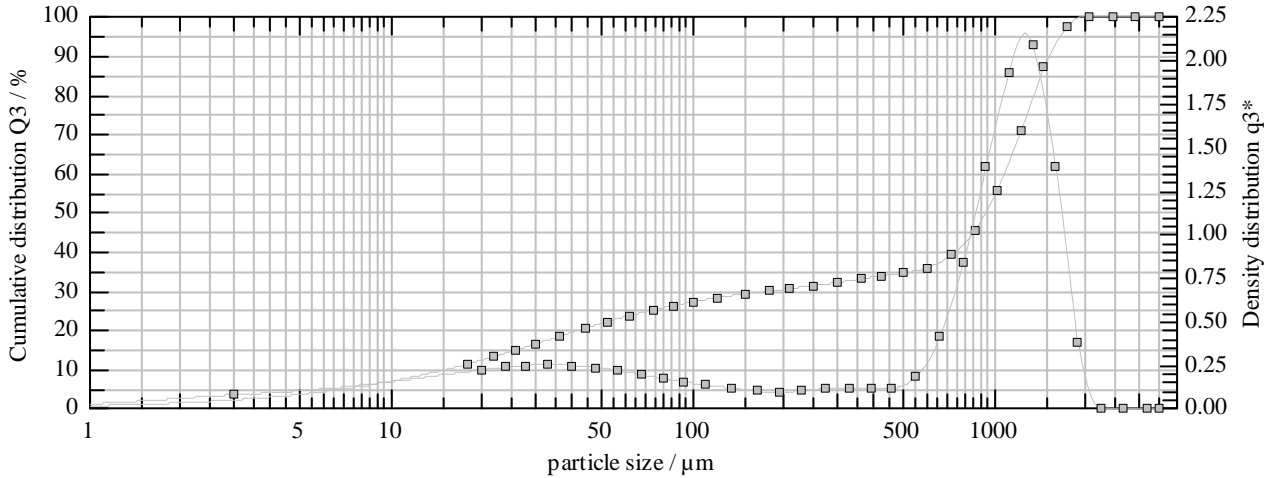
HELOS Particle Size Analysis

WINDOX 5

HELOS (H1921) & RODOS, R7: 0.5/18.0...3500µm 2009

Barnlime-COARSE

$x_{10} = 16.23 \mu\text{m}$ **$x_{50} = 933.52 \mu\text{m}$** $x_{90} = 1546.00 \mu\text{m}$ **VMD= 807.55 µm**
 $x_{16} = 29.72 \mu\text{m}$ $x_{84} = 1419.48 \mu\text{m}$ $x_{99} = 1938.93 \mu\text{m}$ Opt conc.=17.30



mesh evaluation

µm = microns

user parameters:

Location: Alden
Customer: BL-CO

- % on 12 mesh (1700 µm) = 4.23
- % on 18 mesh (1000 µm) = 41.51
- % on 25 mesh (710 µm) = 15.63
- % on 40 mesh (425 µm) = 5.07
- % on 60 mesh (250 µm) = 2.50
- % on 80 mesh (180 µm) = 1.31
- % on 200 mesh (75 µm) = 5.39

% Passing 12 mesh (1700 µm) = 95.77 %

% Passing 80 mesh (180 µm) = 29.74 %

% Passing 200 mesh (75 µm) = 24.98 %

particle distribution (% passing...)

microns	%	microns	%	microns	%
3500.00	100.00	500.00	34.32	74.00	24.89
2940.00	100.00	420.00	33.50	62.00	23.45
2460.00	100.00	360.00	32.80	52.00	21.84
2060.00	100.00	300.00	31.90	44.00	20.18
1740.00	97.27	250.00	31.05	36.00	18.08
1460.00	86.76	210.00	30.34	30.00	16.15
1220.00	70.50	180.00	29.74	26.00	14.66
1020.00	55.54	150.00	29.01	22.00	13.00
860.00	45.28	120.00	27.95	18.00	11.13
720.00	38.89	100.00	26.93		
600.00	35.70	86.00	25.97		