



Sympatec GmbH  
System-Partikel-Technik



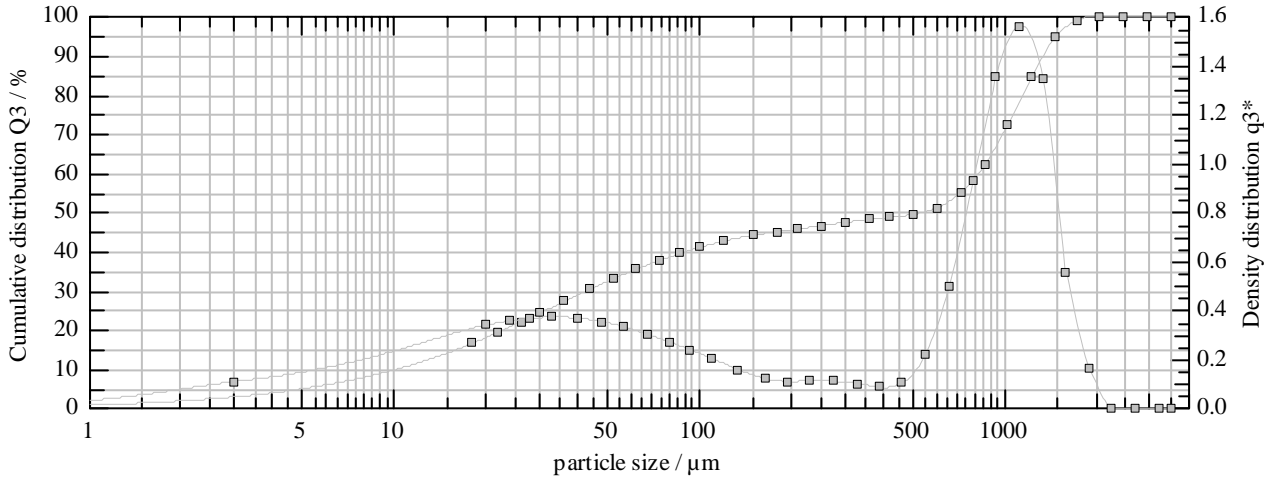
# HELOS Particle Size Analysis

WINDOX 5

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

**Barnlime-Regular**

$x_{10} = 11.29 \mu\text{m}$       $x_{50} = 537.11 \mu\text{m}$       $x_{90} = 1333.84 \mu\text{m}$      **VMD= 582.30 µm**  
 $x_{16} = 17.93 \mu\text{m}$       $x_{84} = 1224.38 \mu\text{m}$       $x_{99} = 1676.45 \mu\text{m}$      Opt conc.=13.93



**mesh evaluation**

**µm = microns**

**user parameters:**

Location: Alden  
Customer: BL-REG.....

% on 12 mesh (1700 µm) = 1.77  
 % on 18 mesh (1000 µm) = 27.38  
 % on 25 mesh (710 µm) = 16.25  
 % on 40 mesh (425 µm) = 6.03  
 % on 60 mesh (250 µm) = 2.20  
 % on 80 mesh (180 µm) = 1.52  
 % on 200 mesh (75 µm) = 7.88

% Passing 12 mesh (1700 µm) = 98.23 %  
 % Passing 80 mesh (180 µm) = 44.86 %  
 % Passing 200 mesh (75 µm) = 37.73 %

**particle distribution (% passing...)**

microns	%	microns	%	microns	%
3500.00	100.00	500.00	49.28	74.00	37.58
2940.00	100.00	420.00	48.53	62.00	35.30
2460.00	100.00	360.00	47.98	52.00	32.80
2060.00	100.00	300.00	47.22	44.00	30.26
1740.00	98.83	250.00	46.38	36.00	27.08
1460.00	94.64	210.00	45.57	30.00	24.17
1220.00	84.19	180.00	44.86	26.00	21.90
1020.00	72.10	150.00	43.94	22.00	19.32
860.00	62.10	120.00	42.45	18.00	16.39
720.00	54.93	100.00	40.87		
600.00	50.99	86.00	39.33		