

SYSTEM

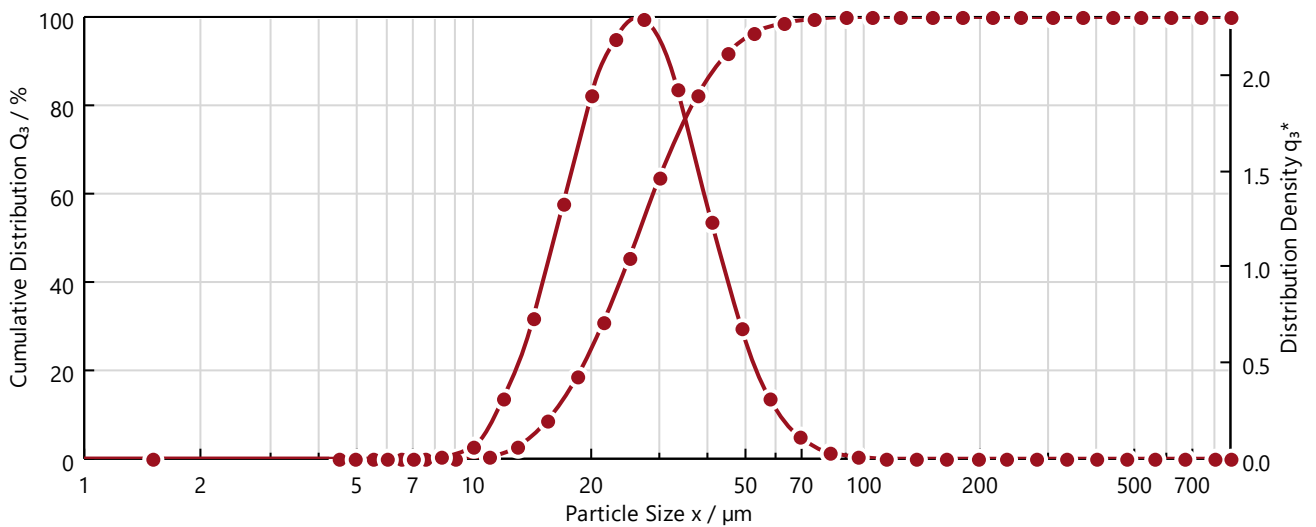
Instrument HELOS (H4486) & RODOS/M, R5
 Reference 2022-10-21 11:44:54
 Software PAQXOS 5.1.2

USER PARAMETERS

Sample Name SiC P600'17
 Sample ID
 PTL ID 7462
 Client PERFORMANCE VERIFICATION
 Test Method N/A
 Chemist EF
 PTL Project # Quarterly PV R5 ASPIROS
 Comment(s) Exp 2026-11-02

PARTICLE SIZE DISTRIBUTION

$x_{10,3}$ = 15.96 μ m $x_{50,3}$ = 26.28 μ m $x_{90,3}$ = 43.53 μ m SMD = 24.53 μ m C_{opt} = 4.88 %
 $x_{16,3}$ = 17.72 μ m $x_{84,3}$ = 38.92 μ m VMD = 28.41 μ m SY = 98.36 %



CUMULATIVE DISTRIBUTION

x_o / μ m	Q_3 / %	x_o / μ m	Q_3 / %
4.50	0.00	75.00	99.72
5.50	0.00	90.00	99.96
6.50	0.00	105.00	100.00
7.50	0.00	125.00	100.00
9.00	0.05	150.00	100.00
11.00	0.60	180.00	100.00
13.00	2.87	215.00	100.00
15.50	8.43	255.00	100.00
18.50	18.64	305.00	100.00
21.50	31.00	365.00	100.00
25.00	45.35	435.00	100.00
30.00	63.48	515.00	100.00
37.50	82.16	615.00	100.00
45.00	91.91	735.00	100.00
52.50	96.46	875.00	100.00
62.50	98.83		

DISTRIBUTION DENSITY (LOG.)

x_m / μ m	q_3 lg	x_m / μ m	q_3 lg
1.50	0.000	68.47	0.112
4.97	0.000	82.16	0.030
5.98	0.000	97.21	0.006
6.98	0.001	114.56	0.000
8.22	0.006	136.93	0.000
9.95	0.062	164.32	0.000
11.96	0.313	196.72	0.000
14.20	0.729	234.15	0.000
16.93	1.329	278.88	0.000
19.94	1.894	333.65	0.000
23.18	2.190	398.47	0.000
27.39	2.289	473.31	0.000
33.54	1.928	562.78	0.000
41.08	1.231	672.33	0.000
48.61	0.680	801.95	0.000
57.28	0.313		