

SHAPE PARAMETERS LIST

Numbers	Parameters
1	Comprehensive index
2	Magnification
3	Scale factor
4	Image name
5	Particle's index (image)
6	Image area
7	First pixel X
8	First pixel Y
9	Intensity Min
10	Intensity Max
11	Intensity Mean
12	Intensity Std Dev
13	Intensity Coef Var
14	Chain count
15	N even
16	N odd
17	N corner
18	Convex chain count
19	Convex N even
20	Convex N odd
21	Convex N corner
22	Center of gravity X
23	Center of gravity Y
24	Perimeter
25	Area (pixels)
26	Area
27	Ratio area
28	Bounding box left
29	Bounding box top
30	Bounding box right
31	Bounding box bottom
32	Bounding box width
33	Bounding box height
34	Bounding box diagonal
35	Bounding box area
36	Compactness Factor
37	ECD (Equivalent Circular Diameter)
38	Equivalent volume
39	Diameter same perimeter
40	Circularity ratio
41	Roundness (Form factor)
42	Compactness
43	Inscribing disk
44	Circumscribing disk
45	Sphericity

Number	Parameters
46	Circularity
47	Circularity 2
48	Radius
49	Radius x2
50	Heywood Circularity Factor
51	Feret min
52	Feret max
53	Feret max start x
54	Feret max start y
55	Feret max end x
56	Feret max end y
57	Aspect ratio
58	1/Aspect ratio
59	Elongation
60	Area porosity
61	Feret max orientation
62	Wadell's circularity
63	Fibre length (equivalent rect long side)
64	Fibre width (equivalent rect short side)
65	Rectangle ratio
66	Fibre curl
67	Convexity
68	Convex hull perimeter
69	Solidity
70	Convex hull area
71	Convex shape factor
72	Hydraulic radius
73	Max intercept
74	Mean perpendicular intercept
75	Elongation factor
76	Equivalent ellipse major axis
77	Equivalent ellipse minor axis
78	Equivalent ellipse ratio
79	Equivalent ellipse area
80	Equivalent diameter (Eq. ellipse area)
81	Equivalent ellipse volume
82	Equivalent diameter (Eq. ellipse volume)
83	Ellipse major axis
84	Ellipse minor axis
85	Ellipse ratio
86	Ellipse area
87	Equivalent diameter (ellipse area)
88	Ellipse volume
89	Equivalent diameter (ellipse volume)
90	Type factor

Number	Parameters
91	Elongation shape factor
92	Compactness shape factor
93	Sum X
94	Sum Y
95	Sum XX
96	Sum YY
97	Sum XY
98	Moment of inertia XX
99	Moment of inertia YY
100	Moment of inertia XY
101	Orientation
102	Eccentricity
103	Norm. moment of inertia XX
104	Norm. moment of inertia YY
105	Norm. moment of inertia XY