



GNP Graystar

Specialty Materials



TECHNICAL DATA SHEET

Synthetic Diamond Powder

Particle Size Distribution of Synthetic Diamond Micropowder

Grade	Nominal Size Range D (µm)	Max. D (µm)	Min. D (µm)
M0/0.5	0-0.5	0.7	-
M0/1	0-1	1.4	-
M0.5/1	0.5-1	1.4	0
M0.5/1.5	0.5-1.5	1.9	0
M0/2	0-2	2.5	-
M1/2	1-2	2.5	0.5
M1.5/3	1.5-3	3.8	1
M2/4	2-4	5	1
M2.5/5	2.5-5	6.3	1.5
M3/6	3-6	7.5	2
M4/8	4-8	10	2.5
M5/10	5-10	11	3
M6/12	6-12	13.2	3.5
M8/12	8-12	13.2	4
M8/16	8-16	17.6	4
M10/20	10-20	22	6
M12/22	12-22	24.2	7
M20/30	20-30	33	10
M22/36	22-36	39.6	12
M36/54	36-54	56.7	15

Other sizes/non-powder sizes may be available - please contact us with your required sizing.

Description:

GNP Graystar offers Synthetic Diamond Powder. Synthetic Diamond is characterized with some superior properties such as extreme hardness, excellent thermal conductivity, and a good chemical stability. Diamond is becoming the most popular material for abrasives, in cutting and polishing tools, and in heat sinks.

Applications:

GNP Graystar's Synthetic Diamond Powder is used primarily for fine grinding, lapping, polishing tools, and polycrystalline composite materials.

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