



GNP Graystar

Specialty Materials

FEPA P Macrogrit Particle Size Tolerances

rev. 02/2020

Grit Size	Sieves (Cumulative)	Aperture Size (µm)	Tolerances (%)	Grit Size	Sieves (Cumulative)	Aperture Size (µm)	Tolerances (%)
P12	6	3350	0	P40	25	710	0
	+8	2360	< 1		+35	500	< 7
	+10	2000	10 - 18		+40	425	34 - 50
	+12	1700	52 - 70		+45	355	80 - 92
	+14	1400	> 92		+50	300	> 96
	through 14	1400	< 8		through 50	300	< 4
P16	8	2360	0	P50	30	600	0
	+12	1700	< 3		+40	425	< 3
	+14	1400	20 - 32		+45	355	20 - 32
	+16	1180	66 - 84		+50	300	66 - 84
	+18	1000	> 96		+60	250	> 96
	through 18	1000	< 4		through 60	250	< 4
P20	12	1700	0	P60	35	500	0
	+16	1180	< 7		+45	355	< 1
	+18	1000	34 - 50		+50	300	10 - 18
	+20	850	80 - 92		+60	250	52 - 70
	+25	710	> 96		+70	212	> 92
	through 25	710	< 4		through 70	212	< 8
P24	14	1400	0	P80	45	355	0
	+18	1000	< 1		+60	355	< 3
	+20	850	10 - 18		+70	212	20 - 32
	+25	710	52 - 70		+80	180	66 - 84
	+30	600	> 92		+100	150	> 96
	through 30	600	< 8		through 100	150	< 4
P30	16	1180	0	P100	50	300	0
	+20	850	< 1		+70	212	< 1
	+25	710	10 - 18		+80	180	10 - 18
	+30	600	52 - 70		+100	150	52 - 70
	+35	500	> 92		+120	125	> 92
	through 35	500	< 8		through 120	125	< 8
P36	18	1000	0	P120	70	212	0
	+25	710	< 1		+100	150	< 7
	+30	600	10 - 18		+120	125	34 - 50
	+35	500	52 - 70		+140	106	80 - 92
	+40	425	> 92		+170	90	> 96
	through 40	425	< 8		through 170	90	< 4

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FEPA P Macrogrit Particle Size Tolerances, Cont.

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Grit Size	Sieves (Cumulative)	Aperture Size (µm)	Tolerances (%)
P150	80	180	0
	+120	125	< 3
	+140	106	20 - 32
	+170	90	66 - 84
	+200	75	> 96
	through 200	75	< 4
P180	100	150	0
	+140	106	< 2
	+170	90	10 - 20
	+200	75	50 - 74
	+230	63	> 90
	through 230	63	< 10
P220	120	125	0
	+170	90	< 2
	+200	75	10 - 20
	+230	63	50 - 74
	+270	53	> 90
	through 270	53	< 10

FEPA Standard 43-1:2006:

Grain Size Distribution of Macrogrits P12 to P220.

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