

# GRAYSTAR LLC

*A Manufacturer and Distributor of  
Abrasive Materials and Specialty Products*

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## FEPA "P" Macrogrit Particle Size Tolerances

Grit Size	Sieves (Cumulative)	Aperture Size (um)	Tolerances (Percent)	Grit Size	Sieves (Cumulative)	Aperture Size (um)	Tolerances (Percent)
<b>P12</b>	6	3350	0	<b>P60</b>	35	500	0
	+8	2360	< 1		+45	355	< 1
	+10	2000	10 - 18		+50	300	10 - 18
	+12	1700	52 - 70		+60	250	52 - 70
	+14	1400	> 92		+70	212	> 92
through 14	1400	< 8	through 70	212	< 8		
<b>P16</b>	8	2360	0	<b>P80</b>	45	355	0
	+12	1700	< 3		+60	255	< 3
	+14	1400	20 - 32		+70	212	20 - 32
	+16	1180	66 - 84		+80	180	66 - 84
	+18	1000	> 96		+100	150	> 96
through 18	1000	< 4	through 100	150	< 4		
<b>P20</b>	12	1700	0	<b>P100</b>	50	300	0
	+16	1180	< 7		+70	212	< 1
	+18	1000	34 - 50		+80	180	10 - 18
	+20	850	80 - 92		+100	150	52 - 70
	+25	710	> 96		+120	125	> 92
through 25	710	< 4	through 120	125	< 8		
<b>P24</b>	14	1400	0	<b>P120</b>	70	212	0
	+18	1000	< 1		+100	150	< 7
	+20	850	10 - 18		+120	125	34 - 50
	+25	710	52 - 70		+140	106	80 - 92
	+30	600	> 92		+170	90	> 96
through 30	600	< 8	through 170	90	< 4		
<b>P30</b>	16	1180	0	<b>P150</b>	80	180	0
	+20	850	< 1		+120	125	< 3
	+25	710	10 - 18		+140	106	20 - 32
	+30	600	52 - 70		+170	90	66 - 84
	+35	500	> 92		+200	75	> 96
through 35	500	< 8	through 200	75	< 4		
<b>P36</b>	18	1000	0	<b>P180</b>	100	150	0
	+25	710	< 1		+140	106	< 2
	+30	600	10 - 18		+170	90	10 - 20
	+35	500	52 - 70		+200	75	50 - 74
	+40	425	> 92		+230	63	> 90
through 40	425	< 8	through 230	63	< 10		
<b>P40</b>	25	710	0	<b>P220</b>	120	125	0
	+35	500	< 7		+170	90	< 2
	+40	425	34 - 50		+200	75	10 - 20
	+45	355	80 - 92		+230	63	50 - 74
	+50	300	> 96		+270	53	> 90
through 50	300	< 4	through 270	53	< 10		
<b>P50</b>	30	600	0	<i>FEPA Standard 43-1: 2006: Grain Size Distribution of Macrogrits P12 to P 220</i>			
	+40	425	< 3				
	+45	355	20 - 32				
	+50	300	66 - 84				
	+60	250	> 96				
through 60	250	< 4					