

# PARTICLE SIZE DISTRIBUTION

## FEPA-P GRIT SIZE

Grit design ation	sieve 1			sieve 2			sieve 3			sieve 4			sieve 5			pan
	Aperture size		Residue on sieve	Aperture size		Residue on sieve	Aperture size		Residue on sieve	Aperture size		Residue on sieve	Aperture size		Residue on sieve	Residue under
			Mess			Mess			Mess			Mess			Mess	Mess
	mm	μ m	fraction %	mm	μ m	fraction %	mm	μ m	fraction %	mm	μ m	fraction %	mm	μ m	fraction %	fraction %
P12	3.35	-	0	2.36	-	1	2	-	14±4	1.7	-	61±9	1.4	-	92	8
P16	2.36	-	0	1.7	-	3	1.4	-	26±6	1.18	-	75±9	1	-	96	4
P20	1.7	-	0	1.18	-	7	1	-	42±8	-	850	86±6	-	710	96	4
P24	1.4	-	0	1	-	1	-	850	14±4	-	710	61±9	-	600	92	8
P30	1.18	-	0	-	850	1	-	710	14±4	-	600	61±9	-	500	92	8
P36	1	-	0	-	710	1	-	600	14±4	-	500	61±9	-	425	92	8
P40	-	710	0	-	500	7	-	425	42±8	-	355	86±6	-	300	96	4
P50	-	600	0	-	425	3	-	355	26±6	-	300	75±9	-	250	96	4
P60	-	500	0	-	355	1	-	300	14±4	-	250	61±9	-	212	92	8
P80	-	355	0	-	250	3	-	212	26±6	-	180	75±9	-	150	96	4
P100	-	300	0	-	212	1	-	180	14±4	-	150	61±9	-	125	92	8
P120	-	212	0	-	150	7	-	125	42±8	-	106	86±9	-	90	96	4
P150	-	180	0	-	125	3	-	106	26±6	-	90	75±9	-	75	96	4
P180	-	150	0	-	106	2	-	90	15±5	-	75	62±12	-	63	90	10
P220	-	125	0	-	90	2	-	75	15±5	-	63	62±12	-	53	90	10

## FEPA-P POWDER DISTRIBUTION

Particle Size	D3 ( μ m)	D50 ( μ m)	D94 ( μ m)
P240	76.0 Max.	58-62	45 min.
P280	68.0 Max.	52-55	40 min.
P320	62.0 Max.	43-45	34 min.
P360	56.0 Max.	38-40	25.5 min.
P400	50.0 Max.	32-34	23 min.
P500	42.0 Max.	28-30	20.5 min.
P600	39.0 Max.	22.5-24.5	16 min.
P800	32.0 Max.	18.5-20.5	13.5 min.
P1000	28.0 Max.	13.8-15.8	11 min.
P1200	23.0 Max.	11-12.8	9 min.
P1500	17.0 Max.	9.5-10.5	6.8 min.
P2000	14.0 Max.	7.4-8.4	5.5 min.
P2500	11.0 Max.	6.0-7.0	4.5 min.
P3000	8.0 Max.	5.0-6.0	3.5 min.
P4000	7.0 Max.	3.5-4.5	2.5 min.
P5000	5.5 Max.	2.6-3.4	1.5 min.