

Particle Distribution of Fused Aluminium Oxide & Silicon Carbide, Abrasive Grains											
FEPA Size	Max Grains		Big Grains		Basic Grains		Mixed Grains		Fine Grains		
	Sieve	Retained on Sieve	Sieve	Retained on Sieve ≤	Sieve	Retained on Sieve ≥	Sieve	Retained on Sieve ≥	Sieve	Retained on Sieve ≤	
	um	%	um	%	um	%	um	%	um	%	
F4	8	0	5.6	20	4.75	40	4.75	4.00	70	3.35	3
F5	6.7	0	4.75	20	4	40	4.00	3.35	70	2.8	3
F6	5.6	0	4	20	3.35	40	3.35	2.80	70	2.36	3
F7	4.75	0	3.35	20	2.8	40	2.80	2.36	70	2	3
F8	4	0	2.8	20	2.36	45	2.36	2.00	70	1.7	3
F10	3.35	0	2.36	20	2	45	2.00	1.70	70	1.4	3
F12	2.8	0	2	20	1.7	45	1.70	1.40	70	1.18	3
F14	2.36	0	1.7	20	1.4	45	1.40	1.18	70	1	3
F16	2	0	1.4	20	1.18	456	1.18	1.00	70	850	3
F20	1.7	0	1.18	20	1	45	1.00–	850–	70	710	3
F22	1.4	0	1	20	850	45	850	710	70	600	3
F24	1.18	0	850	20	710	45	710	600	65	500	3
F30	1	0	710	25	600	45	600	500	65	425	3
F36	850	0	600	25	500	45	500	425	65	355	3
F40	710	0	500	30	425	40	425	355	65	300	3
F46	600	0	425	30	355	40	355	300	65	250	3
F54	500	0	355	30	300	40	300	250	65	212	3
F60	425	0	300	30	250	40	250	212	65	180	3
F70	355	0	250	25	212	40	212	180	65	150	3
F80	300	0	212	25	180	40	180	150	65	125	3
F90	250	0	180	20	150	40	150	125	65	106	3
F100	212	0	150	20	125	40	125	106	65	75	3
F120	180	0	125	20	106	40	106	90	65	63	3
F150	150	0	106	15	75	40	75	63	65	45	3
F180	125	0	90	15	75 63	40	75 63 53	65	—	—	—
F220	106	0	75	15	63 53	40	63 53 45	60	—	—	—