



Avant Material Technical Data Sheet

High Purity Alumina Phosphor Powder Applications

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item:	AM-FP-001	AM-FP-002	AM-FP-003	AM-FP-004	
AL₂O₃	≥99.99	≥99.99	≥99.99	≥99.99	%
Surface Area	4~10	4~10	4~10	4~10	m ² /g
D50	1-4	5-8	30±2	35±2	um
Na	≤10	≤10	≤10	≤10	ppm
Fe	≤10	≤10	≤10	≤10	ppm
Si	≤10	≤10	≤10	≤10	ppm
Cu	≤3	≤2	—	—	ppm
Mg	≤5	≤5	≤5	≤5	ppm
Ti	≤3	≤3	≤3	≤3	ppm
Cr	≤3	≤3	≤3	≤3	ppm
Mn	≤3	≤3	≤3	≤3	ppm
Zn	≤3	≤3	—	—	ppm
Pb	≤1	—	—	—	ppm
Ni	≤4	≤4	—	—	ppm
Ca	≤5	≤5	≤5	≤5	ppm
Zr	—	—	—	—	ppm
Ga	—	—	—	—	ppm
K	—	—	—	—	ppm