



## APC PRODUCT MATRIX Synthetic Iron Oxide Pigments

Product Name	APC F120	APC 130A	APC 180	APC 190	APC 490A	APC 810
Appearance - Powder	Red	Red	Red	Red	Yellow	Yellow
Fe <sub>2</sub> O <sub>3</sub> Content%	≥96.0	≥96.0	≥96.0	≥96.0	≥86.0	≥86.0
Volatile Matter @ 105°C (%)	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Water soluble matter (%)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Residue 325 mesh (%)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
pH	3~7	3~7	3~7	3~7	3.5~7	3.5~7
Oil Absorption (g/100g)	15~25	15~25	15~25	15~25	25~35	25~35

Product Name	APC 740	APC BF330	APC 198T	APC BM330
Appearance - Powder	Black	Black	Black	Black
Fe <sub>3</sub> O <sub>4</sub> Content%	≥93.0	≥93.0	58 - 60	≥90.0
Volatile Matter @ 105°C (%)	≤1.5	≤1.5	0.1 - .03	≤1.5
Water soluble matter (%)	≤0.5	≤0.5	0.1 - .03	≤1.0
Residue 325 mesh (%)	≤0.5	≤0.5	>99%	Residue 320 mesh (%) ≤0.5
pH	5~8	5~8	7.0	6.5~10
Oil Absorption (g/100g)	15~25	15~25	30~40	15~25
Special Properties			High Temp	Heat Stable

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## APC PRODUCT MATRIX Micronized and Specialty Pigments

<i>Micronized</i>	Product Name	APC PX110	APC PX120	APC PX130	APC PX180	APC PX480	APC PX490	APC PX330
	Appearance - Powder	Red	Red	Red	Red	Yellow	Yellow	Black
	Fe <sub>2</sub> O <sub>3</sub> Content%	≥95.0	≥95.0	≥95.0	≥95.0	≥85.0	≥86.0	Fe <sub>3</sub> O <sub>4</sub> Content% ≥92.0
	Volatile Matter @ 105°C (%)	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
	Water soluble matter (%)	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
	Residue 320 mesh (%)	≤0.05	≤0.05	≤0.05	≤0.05	≤0.05	≤0.05	≤0.05
	pH	3.5~7	3.5~7	5.0~7.5	3.5~7	5.0~7.5	5.0~7	5.0~7.5
	Oil Absorption (g/100g)	15~25	15~25	15~25	15~25	25~35	25~35	15~25

<i>Specialties</i>	Product Name	PGA100	ZA100	ZR940	GX
	Appearance - Powder	Anatase	Anatase	Rutile	Green
	TiO <sub>2</sub> Content%	98.6	98 min	94 min	Cr <sub>2</sub> O <sub>3</sub> Content% ≥99.0
	Volatile Matter @ 105°C (%)	0.2	0.5 max	1.0 max	
	Water soluble matter (%)	0.5	0.5 max	0.3 max	≤0.3
	Residue 325 mesh (%)	0.06	0.10 max	0.10 max	Residue 320 mesh (%) ≤0.3
	pH	7.7	6.5-8.0	6.5-8.0	
	Oil Absorption (g/100g)	20	22 max	23 max	≤25

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