



Specification of Disperse Blue 359

Items	Disperse Blue 359			
	Original powder	Micro powder	Purified	Ultra purified
	O-Type	M-Type	P-Type	UP-Type
Appearance	Blue powder	Blue powder	Blue violet powder	Blue violet powder
Purity	$\geq 85\%$	$\geq 89.5\%$	$\geq 97\%$	$\geq 99\%$
Color shade difference(DH)	0.001 ± 0.7	0.001 ± 0.7	0.001 ± 5.0	0.001 ± 5.0
Degree of saturation (DC)	0.001 ± 0.7	0.001 ± 0.7	0.001 ± 5.0	0.001 ± 5.0
Strength	$400 \pm 20\%$	$400 \pm 20\%$	$400 \pm 20\%$	$400 \pm 20\%$
Water	$\leq 2\%$	$\leq 1\%$	$\leq 1\%$	$\leq 1\%$
Conductivity(us/cm)	/	≤ 100	≤ 200	≤ 50
pH	7.0-8.5	7.0-8.5	7.0-8.5	7.0-8.5
Ash	$\leq 1.0\%$	$\leq 0.5\%$	$\leq 0.4\%$	$\leq 0.3\%$
Iron	$\leq 0.05\%$	$\leq 0.02\%$	$\leq 0.02\%$	$\leq 0.02\%$
Particle size(Dv50)	$\leq 100\mu\text{m}$	$\leq 20\mu\text{m}$	$\leq 20\mu\text{m}$	$\leq 20\mu\text{m}$
Recommend usage	Ink	Ink , Digital ink	Digital ink,car coating,kids toys	Digital ink, car coating,kids toys