Product Name : Plast Blue 8520

General Properties

Appearance		Blue Powder	Color Index Generic Name		C.I.Solvent Blue 94
Moisture(Maximum %)		1.0	Chemical Constitution		Anthraquinone
pH		6.5 ± 1.5	Solubi-lity (%)	Methyl Alcohol	0.1 >
Melting Point(ºC)		230 ºC		Acetone	0.1 >
Resistance to	Acid (5%HCl aq.)	5		Cyclohexanone	0.30
	Alkali (5%NaOH aq.)	5		Toluene	0.40
	Water (95ºC 5min)	5		Ethyl Acetate	0.10

Fastness Properties

(Resins for use)

P.S.	:	Stylon 666
A.B.S.	:	Cycolac T
P.M.M.A.	:	Delpet 80N
P.A.	:	UBE Nylon 1022B
P.C.	:	Lexan 101-111

(Color Concentration)

Transparent	:	Color	0.05%
Opaque	:	Color	0.05%
		TiO2	0.5%

Resin	Transparent						Opaque					
	Light Fastness		Heat Resistance (ºC 5minutes)				Light Fastness		Heat Resistance (ºC 5minutes)			
	50 hrs.	100 hrs.	240	260	280	300	50 hrs.	100 hrs.	240	260	280	300
P.S.	5	5-4	5	5	5	5	5	4	5	5	5	5
A.B.S.	4-3	3	5	5-4	4-3	3	3-2	2	5	5-4	4-3	3
P.M.M.A.	5	5	5	5	5	5	-	-	-	-	-	-
P.A.	4	3	-	4	3	2	3	2	-	5-4	4	2
	100 hrs.	200 hrs.	300ºC 10min.		320ºC 10min.				300ºC 10min.		320ºC 10min.	
P.C.	5	5	5-4		5-4		-	-	-		-	

Extent of discoloration had be judged by gray-scale and indicated 5 rank.

ARIMOTO CHEMICAL CO.,LTD.