

**Product Name : Plast Yellow 8050**

**General Properties**

Appearance		Yellow Powder	Color Index Generic Name		C.I.Disperse Yellow 160
Moisture(Maximum %)		1.0	Chemical Constitution		Quinoline
pH		6.5 ± 1.5	Solubi -lity (%)	Methyl Alcohol	0.1 >
Melting Point(°C)		320 < °C		Acetone	0.1 >
Resis tance  to	Acid (5%HCl aq.)	5		Cyclohexanone	0.20
	Alkali (5%NaOH aq.)	3 - 2		Toluene	0.1 >
	Water (95°C 5min)	5		Ethyl Acetate	0.1 >

**Fastness Properties**

(Resins for use)

(Color Concentration)

P.S.	:	Stylon 666	Transparent	:	Color	0.05%
A.B.S.	:	Cycolac T				
P.M.M.A.	:	Delpet 80N				
P.A.	:	UBE Nylon 1022B	Opaque	:	Color	0.05%
P.C.	:	Lexan 101-111			TiO2	0.5%

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

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