

Product Name : Plast Red 8305

General Properties

Appearance		Bluish Red Powder	Color Index Generic Name		C.I.Solvent Red 111
Moisture(Maximum %)		1.0	Chemical Constitution		Anthraquinone
pH		6.5 ± 1.5	Solubi -lity (%)	Methyl Alcohol	0.10
Melting Point(°C)		171 °C		Acetone	0.40
Resis tance to	Acid (5%HCl aq.)	3		Cyclohexanone	0.80
	Alkali (5%NaOH aq.)	4		Toluene	0.80
	Water (95°C 5min)	4		Ethyl Acetate	0.40

Fastness Properties

(Resins for use)

(Color Concentration)

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

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	5-4	5	5	5	5
A.B.S.	4-3	3	5	5	5-4	4	2	2-1	5	5	5-4	3
P.M.M.A.	5	5	5	5	5	5	-	-	-	-	-	-
P.A.	3	2-1	-	5	4	4-3	2	1	-	5-4	4	3-2
	100 hrs.	200 hrs.	300°C 10min.		320°C 10min.				300°C 10min.		320°C 10min.	
P.C.	5	5	5	5-4			-	-	-	-		

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