

Product Name : Plast Orange 8160

General Properties

Appearance		Orange Powder	Color Index Generic Name		C.I.Solvent Orange 55
Moisture(Maximum %)		1.0	Chemical Constitution		Perylene
pH		6.0 ± 2.0	Solubi -lity (%)	Methyl Alcohol	0.1 >
Melting Point(°C)		320< °C		Acetone	0.1 >
Resis tance to	Acid (5%HCl aq.)	5		Cyclohexanone	0.25
	Alkali (5%NaOH aq.)	5		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	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	5-4	4	5	5	5	5
A.B.S.	4	4-3	5	5-4	4	3	4	4-3	5	5	5-4	4
P.M.M.A.	5	5	5	5	5	5	-	-	-	-	-	-
P.A.	-	-	-	-	-	-	-	-	-	-	-	-
	100 hrs.	200 hrs.	300°C 10min.		320°C 10min.							
P.C.	4	4-3	5		5							

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