

Product Name : Oil Orange 5108

General Properties

Appearance		Greenish Powder	Color Index Generic Name	C.I.Solvent Orange 80	
Moisture(Maximum %)		1.5	Chemical Constitution	Methine	
pH		6.0 ± 1.0	Solbi- lity (%)	Methyl Alcohol	0.10
Melting Point(°C)		205 °C		Acetone	0.70
Resis tance to	Acid (5%HCl aq.)	4 - 3		Cyclohexanone	1.80
	Alkali (5%NaOH aq.)	3		Toluene	0.50
	Water (95°C 5min)	3		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	5	5	5	5
A.B.S.	5	5-4	5	4-3	2-1	1	5	5	5-4	4-3	2	1
P.M.M.A.	5	5	5	5	5	5-4	—	—	—	—	—	—
P.A.	—	—	—	—	—	—	—	—	—	—	—	—
	100 hrs.	200 hrs.	300°C 10min.		320°C 10min.				300°C 10min.		320°C 10min.	
P.C.	5-4	4	5		5-4		—	—	—		—	

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