

Product Name : Oil Orange 5101

General Properties

Appearance		Greenish Orange Powder	Color Index Generic Name		C.I.Solvent Yellow 14
Moisture(Maximum %)		3.0	Chemical Constitution		Mono Azo
pH		7.5 ± 1.5	Solubi -lity (%)	Methyl Alcohol	0.20
Melting Point(°C)		131 °C		Acetone	2.60
Resis tance to	Acid (5%HCl aq.)	4		Cyclohexanone	4.60
	Alkali (5%NaOH aq.)	3 - 2		Toluene	3.00
	Water (95°C 5min)	5		Ethyl Acetate	2.00

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

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