

Product Name : Oil Yellow 5001

General Properties

Appearance		Bluish Yellow Powder	Color Index Generic Name		C.I.Solvent Yellow 16
Moisture(Maximum %)		3.0	Chemical Constitution		Mono Azo
pH		6.5 ± 1.5	Solubi -lity (%)	Methyl Alcohol	0.20
Melting Point(°C)		157 °C		Acetone	1.90
Resis tance  to	Acid (5%HCl aq.)	5		Cyclohexanone	6.30
	Alkali (5%NaOH aq.)	3		Toluene	7.10
	Water (95°C 5min)	5		Ethyl Acetate	2.90

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	5-4	5	5	3	2	4	4-3	4	3	1	-
A.B.S.	-	-	-	-	-	-	-	-	-	-	-	-
P.M.M.A.	5	5	5	5	4	4-3	-	-	-	-	-	-
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.