



See The Difference We Make

GemSperse Yellow KX74 (O)

Description: Anionic Water Based Dispersion of Opaque Yellow 74

Chemical Type	Monoazo Yellow	Constitution No.	11741
Color Index	Pigment Yellow 74	CAS No.	6358-31-2

Resistance Properties

MEK	2-3	Ethanol	5
Water	5	Ethyl Acetate	3
Mineral Spirits	3-4	Acid	5
Xylene	2-3	Alkali	4-5

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Product Characteristics

Heat Stability (°C/°F)	160°C	Weatherfastness (1-5): Masstone
Lightfastness (1-8): Masstone	6	Weatherfastness (1-5): Tint 1:10
Lightfastness (1-8): Tint 1:10	5	

Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=VG, 8=Excellent

Physical Properties

Fineness of Grind (µm)	<10	Specific Gravity	1 - 1.2
Volatile Organic Content (ppm)		Viscosity (cP)	100 - 1000
pH	8.5 - 9.5	Pigment Content (%)	38

Applications

Plastics	Coatings	Inks	Other
PVC	Decorative	Water Flexo	Paper
PE	Automotive/Aerospace	Solvent Flexo	Rubber Latex
PP	Industrial	InkJet	Finger Paints
PS	Powder	UV	Seed Coatings
PET		Offset	

○ Not Frequently Used ○ Limited ● Recommended

Comments: Now the most important yellow for decorative paints. Available in two forms both having only moderate solvent fastness and poor heat stability.

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