



Dalamar Yellow YT-800-D-MX

Pigment Yellow 65

Dalamar Yellow YT-800-D-MX is a bright, reddish PY 65 type having very good weather fastness and high opacity in application. It is primarily used in solvent-based yellow traffic paints (Cowles Blade dispersible) and tapes. Pigments of this chemistry demonstrate good rheological properties but fastness to overpainting and all non-aliphatic solvents is poor. In addition, they bloom heavily in baking systems and have relatively poor heat stability. To note is that often exhibit poor crystal stability in the presence of organic solvents, indicated by a distinct red shade shift, loss of brightness and strength reduction. this phenomenon is often accelerated by elevated (above 40°C/104°F) processing temperatures.

Benefits

- Very good light fastness
- High opacity

Product Data

Application Profile

- Traffic Paints
- Decorative Paints

Special Recommendations

Air-drying Alkyds	●
Physically Drying Paints	●
Baking Enamels	–
Acid Cured Paints	–
Amine Cured Epoxies	–
Isocyanate Cured Paints	–
Waterbased Paints	○

- recommended
- limited suitability
- not recommended

Physical Data

Density	[g/cm ³]	1.44
Form of Supply		powder
Specific surface	[m ² /g]	6
Oil absorption	[ml/100g]	0.7
Avg. Size of Primary Particles	[nm]	-
Heat Stability	[°C]	140

Fastness Data

	to Light		to Weathering			
			12 month		24 month	
	LOA	AM	LOA	AM	LOA	AM
Full shade	7	-	5	-	4	-
1/3 ST	[1:4.8 TiO ₂]	6-7	-	4	-	3-4

Acids		-
Water		-
Butyl Glycol		-
Methyl Ethyl Ketone		1
Xylene		1-2
Alkali		-
Butanol		2
Butyl Acetate		1-2
White Spirit		2
Dibutyl Phthalate		-
Blooming		-
Fastness to Overpainting	NC	AM (120°C)
	1-2	-
		AM (160°C)
		-

LOA- Air-drying Long Oil Alkyd

AM- Baked Alkyd-Melamine

NC- Nitrocellulose Combination Lacquer

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