DCL Hybrid 3RLM

Description: DCL Hybrid 3RLM is a lemon shade yellow pigment with excellent durability properties. DCL Hybrid 3RLM exhibits high saturation, high opacity and is recommended for use in high-grade industrial and automotive paints

Chemical Type	Hybrid	**Constitution No.**	Proprietary
Color Index	Proprietary	**CAS No.**	Proprietary

Resistance Properties

MEK	5	**Ethanol**	5
Water	5	**Ethyl Acetate**	5
Mineral Spirits	5	**Acid**	4
Xylene	5	**Alkali**	5

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

Product Characteristics

Migration (1-5)	5	**Lightfastness (1-8): Masstone**	8
Heat Stability (°C/°F)	200 °C (Paints) 265 °C (HDPE)	**Lightfastness (1-8)**	8
Warpage Rating (1-3) * Plastic Only	1	**Weatherfastness (1-5): Masstone**	4-5
Overpaint Resistance * Paints Only	5	**Weatherfastness (1-5): Tint 1:10**	5

Warpage: 1 = minimal, 2 = some, 3 = severe Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=Very Good, 8=Excellent

Physical Properties

Particle Size (µm)	-	**pH**	6.0 – 9.0
Specific Surface Area (m^2/g)	-	**Specific Gravity**	5.3
Oil Absorption (g/100g)	28	**Bulk Density (kg/L)**	0.8
Volatile Content (%)	< 1.0	**Bulk Volume (L/kg)**	1.3

Applications

Plastics		Coatings		Inks		Other	
PVC	◘	**Decorative**	■	**Water Flexo**	□	**Paper**	□
PE	■	**Automotive Aerospace**	■	**Solvent Flexo**	□	**Rubber**	□
PP	■	**Industrial**	■	**InkJet**	□	**Finger Paints**	□
PS	◘	**Powder**	■	**UV**	□	**Seed Coatings**	□
PET	◘			**Offset**	□	**Cementitious**	□
Fiber	◘						

□ Not Frequently Used ◘ Limited ■ Recommended

Comments:

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