DCL Hybrid 4754

Description: DCL Hybrid 4754 is our bluest red shade hybrid pigment with excellent durability properties. DCL Hybrid 4754 exhibits high saturation, high opacity and is recommended for use in high-end industrial and automotive paint. DCLHybrid 4754 is also suitable for plastics like polyolefins for processing up to 300°C. DCL Hybrid 4754 is a lead-free alternative for lead chrome molybdate orange pigments.

Chemical Type	Hybrid	**Constitution No.**	0
Color Index	Proprietary	**CAS No.**	Proprietary

Resistance Properties

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

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

Product Characteristics

Migration (1-5)		**Lightfastness (1-8): Masstone**	8
Heat Stability (°C/°F)	200°C (Paints) 300°C (HDPE)	**Lightfastness (1-8): Tint 1:10**	8
Warpage Rating (1-3) * Plastic Only		**Weatherfastness (1-5): Masstone**	4 - 5
Overpaint Resistance * Paints Only	-	**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 - 9.5
Specific Surface Area (m^2/g)	-	**Specific Gravity**	2.5
Oil Absorption (g/100g)	38	**Bulk Density (kg/L)**	0.5
Volatile Content (%)	< 1.0	**Bulk Volume (L/kg)**	1.9

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**	
Fibre	☐				

☐ Not Frequently Used ◘ Limited ■ Recommended

Comments:

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