

DCC RED 7254

Mid Shade Red DPP Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Red 7254 is a high performance mid shade red pigment for use in high-end coatings applications. It can be used in all coatings but is recommended for the highest end applications where excellent weatherability, heat stability, and solvent resistance are required. DCC Red 7254 is also used in high-end plastic applications.

Chemical Type/Common Name	Organic / Diketopyrrolopyrrole Red
Colour Index: Generic Name	Pigment Red 254
Colour Index: Constitution No.	56110
CAS Registry No.	84632-65-5
Chemical Name	Pyrrolo(3,4-C)pyrrole-1,4-Dione, 3,6-Bis(4-Chlorophenyl)-2,5-Dihydro-

SPECIFICATIONS

Masstone Shade	Max. Delta E* 1.5 of Standard (DCC TM 1235A)
Tint Strength (apparent)	± 5% of Standard (DCC TM 1235A)
Shade & strength determinations are made with the aid of a MacBeth Colour Computer, under the following conditions: CIELAB, 10 degree observer, D65 light source, UV & gloss included.	
Note: Test Methods available from DCC on request.	

PHYSICAL PROPERTIES

Specific Gravity	1.64 g/cc (DCC TM 3101B)
Oil Absorption	41 (ASTM D-281-84- Fasig Method)
Moisture	1.0% max. (ASTM D-280-81)
% Halogen Content	% Cl = 19.88

GENERAL PROPERTIES

Ethyl Acetate	Excellent	D.B.P.	Excellent
Glycol	Very Good	Ethyl Alcohol	Excellent
MEK	Excellent	Linseed oil	Very Good
Wax (Paraffin)	Excellent	Mineral Spirits	Excellent
Water	Excellent	Xylene	Excellent
Dilute Acid	Excellent	Dilute Alkali	Excellent
Weatherfastness Full Strength (w/o -1000 hrs)	Excellent	Weatherfastness TiO₂ Tint (w/o -1000 hrs)	Very Good

COATINGS SPECIFIC DATA

Heat Resistance: 120°C/30 minutes – Excellent, 200°C/10 minutes – Excellent

RECOMMENDED APPLICATIONS FOR COATINGS

Agricultural & Construction Equipment	●	Architectural Latex	●
Automotive OEM	●	Automotive Refinish & Fleet	●
Building Products	●	Oil, Gas & Marine	●

● Frequently used ■ Limited Use ○ Not Normally Used

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PLASTICS SPECIFIC DATA							
Heat Stability: Heat Stable to 320°C (608°F) in H.D.P.E., 5-minute dwell time							
Warp Resistance: 3 (1 = Minimal Warpage, 2 = Some Warpage, 3 = Not Recommended)							
RECOMMENDED APPLICATIONS FOR PLASTICS							
Fibres – Polypropylene	•	Injection Moulding				•	
Film	•	PVC Wire and Cable				•	
Blow Molding	•	Engineering Resins				○	
• Frequently used		■ Limited Use		○ Not Normally Used			
COMPLIANCE FOR PLASTICS							
USA: FDA	USA: ASTM-Toys	EU APME: AP(89)1	European Toy Norm: 71-3-1994	EU RoHS	Germany: BfR	CONEG	French Positive List
WORLDWIDE INVENTORIES REGISTRATION STATUS							
Australia (AICS)	Registered	Canada (DSL)	Registered	China	Registered		
Europe (ELINCS)	Registered	Japan	Registered	Philippines	Registered		
USA (TSCA)	Registered	New Zealand	Registered	South Korea	Registered		
TECHNICAL SERVICE LAB APPROVAL							
QUALITY CONTROL LAB APPROVAL							
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