DCC RED 2748
Blue Shade Red Pigment

SPECIFICATIONS AND PROPERTIES

DESCRIPTION
DCC Red 2748 is a blue shade red pigment primarily for interior plastic applications.

Chemical Type/Common Name
Organic/Calcium 2B Red

Colour Index: Generic Name
Pigment Red 48:2

Colour Index: Constitution No.
15865:2

CAS Registry No.
7023-61-2

Chemical Name
2-Naphthalenecarboxylic acid 4-[(5-chloro-4-methyl-2-sulphophenyl)azo]-3-hydroxy-,Calcium salt (1:1)

SPECIFICATIONS
Print-tone Shade
Max. Delta E* 2.0 of Standard (DCC TM 4205A)

Tint Strength (apparent)
± 5% of Standard (DCC TM 4205A)

Filter Pressure Value
± 10 Bar of Standard (DCC TM 4236)

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.

PHYSICAL PROPERTIES
Specific Gravity
1.53 g/cc (DCC TM 3101B)

Oil Absorption
52 (ASTM D-281-84- Fasig Method)

Moisture
<2.0% max. (ASTM D-280-81)

PROPERTIES
Ethyl Acetate
Very Good

D.B.P.
Excellent

Glycol
Good

Ethyl Alcohol
Excellent

MEK
Very Good

Linseed Oil
Very Good

Wax (Paraffin)
Excellent

Mineral Spirits
Excellent

Water
Good

Xylene
Good

Dilute Acid
Fair

Dilute Alkali
Excellent

Heat Stability:
Heat Stable to 240°C (500°F), 5-minute dwell time, 1% pigmented H.D.P.E.

Warp Resistance:
TBD (1 = Minimal Warpage, 2 = Some Warpage, 3 = Not Recommended)

Lightfastness
Fair

Lightfastness
Poor

TiO2 Tint

RECOMMENDED APPLICATIONS
Fibres – polypropylene
• Injection molding

Film
• PVC Wire and Cable

Blow molding

○ Engineering Resins

○ Frequently used

■ Limited Use

Not Normally Used

WORLDWIDE INVENTORIES REGISTRATION STATUS

Australia (AICS)
Registered

Canada (DSL)
Registered

China (IECSC)
Registered

Europe (EINECS)
Registered

Japan (ENCS)
Registered

Philippines (PICCS)
Registered

USA (TSCA)
Registered

New Zealand (NZIoC)
Registered

South Korea (KECI)
Registered

TECHNICAL SERVICE LAB APPROVAL
QUALITY CONTROL LAB APPROVAL
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