

# DCC RED RA517

Blue Shade Red Rhodamine Y Pigment



Working Together for Quality®

## SPECIFICATIONS AND PROPERTIES

### DESCRIPTION

DCC Red RA517 is a blue shade red rhodamine pigment for use in ink applications. It is primarily used as a process magenta for aqueous dispersions where excellent water stability at high pigment loadings is required. It is a copper free alternative to Pigment Red 169.

<b>Chemical Type/Common Name</b>	Organic / Rhodamine Y
<b>Colour Index: Generic Name</b>	Pigment Red 81:5
<b>Colour Index: Constitution No.</b>	45160:4
<b>CAS Registry No. / EINECS No.</b>	63022-06-0
<b>Chemical Name</b>	Xanthylium, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethyl-, molybdatesilicate

### SPECIFICATIONS

<b>Masstone Shade</b>	Max. Delta E* 1.5 of Standard (DCC TM 2521A)
<b>Tint Strength (apparent)</b>	± 5% of Standard (DCC TM 2531A)
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

<b>Specific Gravity</b>	1.83
<b>Oil Absorption</b>	55
<b>Bulk Density</b>	2.7 lbs/gal
<b>Moisture</b>	<2.0% max.

### PROPERTIES

<b>Ethyl Acetate</b>	Fair	<b>Ethyl Alcohol</b>	Good
<b>Glycol</b>	Very Good	<b>Xylene</b>	Good
<b>MEK</b>	Fair	<b>Dibutyl Phthalate</b>	Very Good
<b>Water</b>	Good	<b>Linseed Oil</b>	Good
<b>Paraffin Wax</b>	Excellent	<b>Soap</b>	Very Good - Excellent
<b>Dilute Acid</b>	Good	<b>Dilute Alkali</b>	Good
<b>Lightfastness Full Strength</b>	Fair – Good	<b>Lightfastness Tint</b>	Fair

### RECOMMENDED APPLICATIONS

<b>Solvent Based Nitrocellulose Ink: Alcohol Rich</b>	■	<b>Solvent Based Polyurethane Ink</b>	■
<b>Solvent Based Nitrocellulose Ink: Ester Rich</b>	■	<b>Waster-based Inks</b>	●
<b>Solvent Based Polyamide Ink</b>	■	<b>Lithographic Inks</b>	■

● Frequently used      ■ Limited Use      ○ Not Normally Used

### WORLDWIDE INVENTORIES REGISTRATION STATUS

<b>Australia (AICS)</b>	Registered	<b>Canada (DSL)</b>	Registered	<b>China (IECSC)</b>	Registered
<b>Europe (EINECS)</b>	Registered	<b>Japan (ENCS)</b>	Unknown	<b>Philippines (PICCS)</b>	Unknown
<b>USA (TSCA)</b>	Registered	<b>New Zealand (NZIoC)</b>	Registered	<b>South Korea (KECI)</b>	Unknown

### TECHNICAL SERVICE LAB APPROVAL

### QUALITY CONTROL LAB APPROVAL

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