DCC VIOLET RA 529

Red Shade Rhodamine Violet Pigment

SPECIFICATIONS AND PROPERTIES

Working Together for Quality®

DESCRIPTION
DCC Violet RA 529 is a red shade rhodamine pigment for use in various ink applications. It offers a high degree of brilliance and tinctorial strength. It is recommended for offset inks and flushed colour.

Chemical Type/Common Name	Organic / Rhodamine B (PMA)
Colour Index: Generic Name	Pigment Violet 1:X
Colour Index: Constitution No.	45170
CAS Registry No.	63022-09-3
Chemical Name	Xanthylium, 9-(2-carboxyphenyl)-3,6-bis (diethylamino)-, molybdatephosphate

SPECIFICATIONS		
Masstone Shade	Max. Delta E* 1.5 of Standard	(DCC TM 0003)
Tint Strength (apparent)	± 5% of Standard	(DCC TM 0003)
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	1.85 g/cc	(DCC TM 3101B)
Oil Absorption	57	(ASTM D-281-84- Fasig Method)
Bulk Density	3.1 lbs/gal	

PROPERTIES			
Ethyl Acetate	Good	**Ethyl Alcohol**	Good
Glycol	Fair	**Mineral Spirits**	Good
MEK	Good	**Xylene**	Fair
Water	Good	**Lacquer Solvent**	Fair
Dilute Acid	Good	**Dilute Alkali**	Fair
Heat Resistance:	66°C (150°F)/30 minutes		

Lightfastness Full Strength (f/o-72 hrs)	Good	**Lightfastness 1:10 TiO_2 Tint (f/o 72 hrs)**	Fair	**Lightfastness 1:20 TiO_2 Tint (f/o 72 hrs)**	Poor

RECOMMENDED APPLICATIONS			
Solvent Based Nitrocellulose Ink: alcohol rich	■	**Solvent Based Polyurethane Ink**	■
Solvent Based Nitrocellulose Ink: ester rich	■	**Waterbased Inks**	■
Solvent Based Polyamide Ink	■	**Lithographic Inks**	●
● Frequently used	■ Limited Use	○ Not Normally Used	

WORLDWIDE INVENTORIES REGISTRATION STATUS					
Australia (AICS)	Registered	**Canada (DSL)**	Registered	**China**	Registered
Europe (EINECS)	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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The information provided is based on extensive use and laboratory testing and is believed to be a reliable indication of the results that may be expected. The data is offered only as a guide to performance, without guarantee or warranty of any kind. Since many variables have a strong influence on pigment performance the user is encouraged to evaluate each product in his own laboratory.