

DCC YELLOW 7191

Red Shade Yellow Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Yellow 7191 is a high performance red shade yellow pigment used in many types of plastic applications where excellent heat stability and resistance properties are required.

Chemical Type/Common Name	Organic / Monoazo
Colour Index: Generic Name	Pigment Yellow 191
Colour Index: Constitution No.	18795
CAS Registry No.	129423-54-7
Chemical Name	Benzenesulfonic acid, 4-chloro-2-[[4,5-dihydro-3-methyl-5-oxo-1-(3-sulfophenyl)-1H-pyrazole-4-yl],n-5-methyl,calcium salt (1:1)

SPECIFICATIONS

Deep Tone (1:3)	Max. Delta E* 2.0 of Standard (DCC TM 4205A)
Light Tone (1:10)	± 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	1.75 g/cc (DCC TM 3101B)
Oil Absorption	39 (ASTM D-281-84- Fasig Method)
Moisture	1.0% max. (ASTM D-280-81)

PROPERTIES

MEK	Very Good	Ethyl Alcohol	Good
Ethyl Acetate	Excellent	Mineral Spirits	Excellent
Water	Very Good	Xylene	Excellent
Dilute Acid	Excellent	Dilute Alkali	Fair
Heat Stability:	Heat Stable to 300°C (572°F), 5-minute dwell time, 1% pigmented H.D.P.E.		
Warp Resistance:	1 (1 = Minimal Warpage, 2 = Some Warpage, 3 = Not Recommended)		
Bleed Resistance in PVC	Excellent		
Weatherfastness Full Strength	In progress	Weatherfastness TiO₂ Tint (1:10)	In progress

RECOMMENDED APPLICATIONS

Fibres – polypropylene	●	Injection molding	●
Film	●	PVC Wire and Cable	●
Blow molding	●	Engineering Resins	■

● Frequently used ■ Limited Use ○ Not Normally Used

COMPLIANCE

USA: ASTM-Toys	USA: FDA	EU APME: AP(89)1	European Toy Norm: 71-3-1994	EU RoHS	Germany: BfR	CONEG
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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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