



REACH Status :Registered

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Product Description

CI Generic Name	Pigment Yellow 183	PIL Product Code	PRPL 1043
CI No.	18792	CAS No.	65212-77-3
EINECS No.	265-634-4	Chemical Type	Monoazo,Ca
Molecular Formula	C16H12Cl2N4O7S2.Ca	Molecular Weight	545.3872

Chemical Name: calcium 4,5-dichloro-2-[[4,5-dihydro-3-methyl-5-oxo-1-(3-sulphonatophenyl)-1H-pyrazol-4-yl]azo]benzenesulphonate

Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	45 - 60
Bulk Density(gm/ml)	0.37 - 0.57
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH Value	6 - 8

Mass Tone : 0.2 %



Tint Tone : 1:10 Ratio



Fastness properties

Heat °C	PP-Mass Tone	300°C / 5 min.
Heat °C	PP-Tint Tone	300°C / 5 min.
Light	Mass Tone	7
Light	Tint Tone	-
Weather	Mass Tone	-
Weather	Tint Tone	-
Migration		5

Specification

Coloristic properties	Strength : ± 5 %
Coloristic properties	DA,DB,DE,DC,DH,DL: ± 1
Light fastness : Scale 1- 8	1-Poor & 8 - Excellent
Weather fastness : Scale 1- 5	1-Poor & 5 - Excellent
Migration : Scale 1- 5	1-Poor & 5 - Excellent
Heat Stability °C	DE≤ 3 at Maximum Temp with dwell time 5 minutes.

Application

PVC,PUR,PE , PP , PS , SB , SAN , ABS , PMMAPC , PETP , CA , UP

The colors above have been generated electronically and should therefore not be used for comparison purposes. The colors are meant to give a first impression of the colorant shade

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Regd. Office: 601-602, Surya Rath, Panchvati, 1st. Lane, Opp. White House, Ambawadi, Ahmedabad-380 006, Gujarat, India
Phone: +91-79-26422349/26425650 **Fax:** +91-79-26562870 **E-mail:** techservices@prasadinternational.com