



REACH Status : Pre Registered

Product Description

CI Generic Name	Pigment Orange 13	SI Product Code	SO-PL 1034
CI No.	21110	CAS No.	3520-72-7
EINECS No.	225-530-3	Chemical Type	Disazopyrazolone
Molecular Formula	C32H24Cl2N8O2	Molecular Weight	623
Chemical Name: 4,4'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one]			

Physical Properties		
Sieve Residue (PPM) Max.		1000
Oil Absorption(gms)		50 - 65
Bulk Density(gm/ml)		20 - 35
Salt Content (%) Max.		1
Moisture Content (%) Max.		1

Mass Tone : 0.2 %	Tint Tone : 1:10 Ratio

Fastness properties		
Heat °C	PP-Mass Tone	200°C
Heat °C	PP-Tint Tone	200°C
Light	Mass Tone	5
Light	Tint Tone	4
Weather	Mass Tone	-
Weather	Tint Tone	-
Migration		3

Specification	
Coloristic properties (Tint)	Strength : ±5 %
Coloristic properties (Tint)	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

Plasticized & rigid PVC , Rubber ,PO , PUR

Note

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.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our Product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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