

TECHNICAL DATA SHEET

PRODUCT CODE:	234-0781	TRADE NAME:	Sunbrite® Red 48:2
DESCRIPTION: Non-resinated Calcium Permanent Red 2B. Medium shade, easily dispersible, light masstone.			

PRODUCT INFORMATION	
C.I. Name:	Pigment Red 48:2
C.I. Number:	15865:2
CAS Number:	7023-61-2

PHYSICAL PROPERTIES	
Form:	Dry Color
Surface Area (BET):	55 m ² /g
Oil Absorption:	37
Density:	1.73 g/cc
	14.44 lbs/gal
	1.73 kg/liter

CHEMICAL RESISTANCE	
Acid	4
Alkali	2
Lacquer Solvents	4-5
Ethyl Alcohol	4
Glycols	3
Ethyl Acetate	5
Methyl Ethyl Ketone	5
Mineral Spirits	5
Water	5
Xylene	5
Paraffin Wax	NT
(1=Poor; 5=Excellent)	

LIGHTFASTNESS (Blue Wool)	
Masstone	5
1-10 Tint	5
1-25 Tint	4
(1=Poor; 8= Excellent)	

Halogenated: Yes

APPLICATIONS			
COATINGS		PLASTICS	
Automotive	-	Rubber	A
Architectural/Deco	-	pPVC	C
General Industrial	-	LDPE	A
Powder	-	PA6	-
Coil	-	PP	A
Solvent	-	HDPE	A
Waterborne	-	PS	B
INKS		PC	-
Water Based	○	PET	-
Solvent	○		
UV	○	A = Generally good properties	
Sheet Fed	○	B = Possible heat stability problems/limited suitability	
		C = Possible migration problems	
		D = Possible migration of carrier resins	
● - Recommended ○ - Potential Use		- = Not recommended	
- = Not recommended			

HEATFASTNESS			
COATINGS	5:95 Tint DE < 2.0	NT	
INKS	Metal Deco	15 Min @ 150°C	3-4
		30 Min @ 150°C	2-3
(1=Poor; 5=Excellent) (NT = Not Tested)			
PLASTICS	LDPE 1:19 DE < 2.0	5 Min @232°C/450°F	
	Warpage 2% in HDPE	NT	
0=Not perceptible 1=Slightly perceptible 3=Not recommended for complicated, thick walled injection molded applications in HDPE NT = Not Tested			

WEATHERFASTNESS (Gray Scale)				
		Masstone	Tint	Metallic
COATINGS	South Florida 5° BB	NT	NT	NT
PLASTICS	DIN EN ISO 4892-2	1	1	
(1=Poor; 5=Excellent) (NT = Not Tested)				

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