

DAYGLO

DAYTHERM - RED DS-45

Full Tone Reduction 1:10

DAYTHERM RED DS-45 is a Molybdate Red Pigment (XPbCr04.YpbMo04.ZPbS04) material. This is a highly stabilized pigment and offers very good fastness to light, heat and weathering. This product, due to excellent heat stability characteristics is strongly recommended for Plastic Master Batches where the process temperature (230°C-250°C) demands the pigment to be suitable for higher temperatures.

TECHNICAL DATA

Colour Index No.	77605	RESISTANCE TO LIGHT	
Colour Index Pigment No.	R-104	Full Tone	5
Oil Absorption	20-25	Tint Tone (1:10)	5
Specific Gravity	5.2-6.0	RESISTANCE TO	
Bulk Density g/cc	0.95	Acid	F
BLEEDING IN		Alkali	P
Water	5	APPLICATIONS	
5% Caustic Soda	3	Paints	*
5% Hydrochloric Acid	3	Printing Inks	
Linseed Oil	5	Rubber	
Ethanol	5	Leather Pastes	*
Ethyl Acetate	5	Linoleum	
Xylene	5	PVC Leather Cloth	*
n-Butanol	5	Paper Coating	
Methyl Ethyl Ketone	5	Chalk / Crayons	
Mineral Turpentine	5	Plastics	*
Cellosolve	5		
Diocetyl Phthalate	5		
RESISTANCE TO HEAT			
120 C / 30 min.	SB		
150 C / 20 min.	SB		
180 C / 10 min.	SB		
210 C / 10 min.	SB		

LEGEND

COLOUR	BLEEDING	HEAT STABILITY	LIGHTFASTNESS	APPLICATIONS	E-EXCELLENT
Y - YELLOW	SCALE (1-5)	SB : STABLE	SCALE (1-8)	* - RECOMMENDED	VG - VERY GOOD
R - RED	5:NO BLEED	USB : UNSTABLE	1 - POOR	/MAYBE USED	G - GOOD
W - WHITE	1:CONSIDERABLE BLEED		8 - EXCELLENT		F - FAIR
					P - POOR