



## TECHNICAL DATA SHEET

### GENERAL INFORMATION

Color Index	:	C.I. Pigment Red 112 (C.I.12370)
Focus code	:	Red FGR
CAS No.	:	6535-46-2
EINECS No.	:	229-440-3
Molecular Formula	:	$C_{24}H_{16}Cl_3N_3O_2$
Chemical Class	:	NAPHTHOL AS
Shelf Life	:	Five Years
Recommended Application	:	Coating, etc.

### PHYSICAL PROPERTIES

Appearance	:	Red powder
Specific gravity (water=1)	:	1.40~1.60
Specific surface ( $m^2/g$ )	:	20~50
Bulk volume (l/kg)	:	4.0~4.5
Average particle size (nm)	:	120~250
Oil absorption (g/100g)	:	30~60

### FASTNESS DATA(1~5 Scale except Light Fastness where 1~8 Scale)

Light (Full shade)	:	6
Light (Reduced tinting)	:	5
Ethanol	:	4~5
Ethyl acetate	:	4
MEK	:	3~4
Toluene	:	3
White spirit	:	4~5
DBP	:	4~5
Paraffine	:	4
Butter	:	3
Soap	:	5
Alkali	:	5
Acid	:	5
Heat stability (10min)	:	<140°C

### NOTE

The above information is provided as guidelines only. It is important that the customer evaluate any product in their own resin system to determine suitability.