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TECHNICAL DATA SHEET

Product Description:

Product Name:	Permanent Red HF3C
Color Index:	Pigment Red 176
C.I.No.	12515
CAS No.	12225-06-8
EC No.	235-425-2
Chemical Nature:	Benzimidalone
Chemical Formula	$C_{32}H_{24}N_6O_5$

Technical Properties:

A bluish shade high performance pigment with excellent light fastness, high heat resistance, transparent and migration resistance.

Application:

Recommend: PVC, PE, PP, RUB,EVA, Fiber, PC, PA, PS...

Also suggested for inks, paint and textile printing.

Physical Properties

Appearance	Red powder
Color Shade	Bluish Shade
Density(g/cm3)	1.60
Water Soluble Matter	≤1.0
Coloring Strength	100% ± 5
PH Value	6.5-7.5
Oil Absorption	40-60
Acid Resistance	5
Alkali Resistance	5
Heat Resistance	250°C
Migration Resistance	5 (1-5, 5 is excellent)

Resistance			Recommended applications							
Heat °C	Light	Migration	PVC	PU	RUB	Fiber	EVA	PP	PE	PS.PC.PA
250	7~8	5	●	●	●	●	●	●	●	○

Note: The above information is provided as guidelines for your reference only.
The accurate effects should base on the test results in laboratory.