



Pigment Red 123 for Inks

High Performance Perylene Pigments Producer in China

Pigment Red 123 (Brilliant Red 123) is a high performance perylene pigments, which is widely used in printing inks, plastics, metallic paint and industrial paint, it has strong light fastness and heat resistance, and the color strength is also very high.

Chemicals Product

Trade Name	Pigment Red 123
C.I. No.	C.I.71145
CAS No.	24108-89-2
EC No.	246-018-4
Molecular Formula	C₄₀H₂₆N₂O₆

Physical Data

Physical State	Powder
Appearance	Fuchsia powder or paste
Odor	Odorless
Molecular Weight	630.66
PH Value	6-7
Light Fastness	6-7
Heat Resistance	200°C
Strength %	100 ± 5
Moisture %	≤0.5(powder); ≤80%(paste)
Water Soluble Salts (%)	<0.5

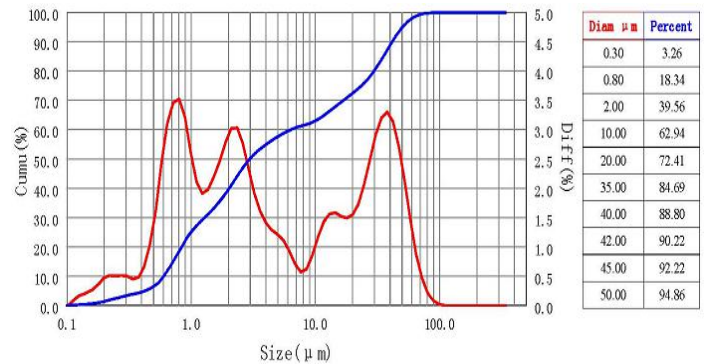
Regulatory Compliance

EN 71 (94/62/CE)	Azodyes (2002/61/CE)
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Applications

Printing Ink	●
Metallic Paint	●
Automobile Paint	○
Plastic	○
● recommended	○ limited suitability

Partical Size



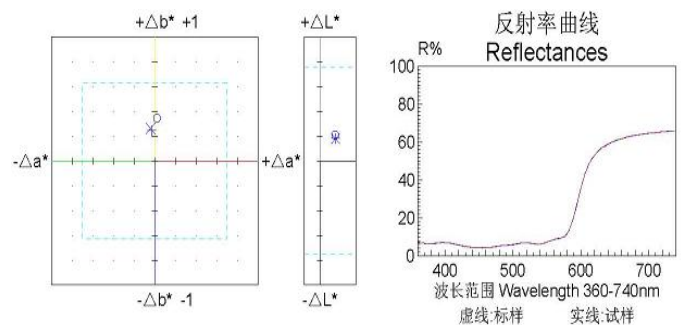
BET Surface Area

ID	Pd	Pcd	P/Po	V	1/[V(Po/P-1)]
2	12.61506	6.45365	0.06294	7.29289	0.00921
3	16.17877	10.13507	0.09884	8.18365	0.01340
4	19.76278	13.77996	0.13439	9.06378	0.01713
5	22.84349	17.21379	0.16788	9.87981	0.02042
6	27.21086	21.00887	0.20489	10.74246	0.02399
7	30.98970	24.81205	0.24198	11.53297	0.02768
8	34.79289	28.60307	0.27895	12.38380	0.03124
9	38.58390	32.39408	0.31592	13.23462	0.03490

Slope	Intercept	Vm	C	Cc
0.10033	0.00336	9.64370	30.86071	0.99963

BET Surface Area (m2/g): 42.04653

ARCD



鸿港化工

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