



Pigment Red 179 S-0640 for Coatings

High Performance Perylene Pigments Producer in China

Pigment Red 179 (S-0640) is a high performance perylene pigments, which is widely used in automobile varnish and refinishing paint, plastics, inks and other industrial paint. it has strong light fastness and heat resistance, and the color strength is also very high.

Chemicals Product

Trade Name	Pigment Red 179
C.I. No.	C.I.71130
CAS No.	5521-31-3
EC No.	226-866-1
Molecular Formula	C₂₆H₂₄N₂O₄

Physical Data

Physical State	Powder
Appearance	Amaranthine powder
Odor	Odorless
Molecular Weight	418.42
PH Value	5-7
Light Fastness	7-8
Heat Resistance	200°C
Strength %	100±5
Moisture %	≤0.5
Density	1.51g/cm³

Regulatory Compliance

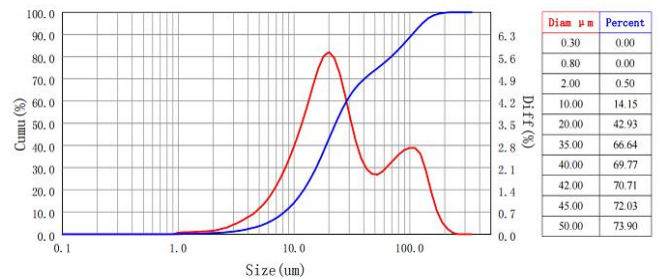
RoHS FDA Phthalate AP(89)1 SVHC

Applications

Automobile Varnish	●
Refinishing Paint	●
Printing Ink	○
Plastic	○
● recommended	○ limited suitability

Partical Size

D(v, 0.5): 22.88 μm D[4, 3]: 40.12 μm D[3, 2]: 16.51 μm Obscuration: 15
 SSA: 0.13 m²/g Particle RI: 2.520±0.100 Medium RI: 1.333 Span: 4.22



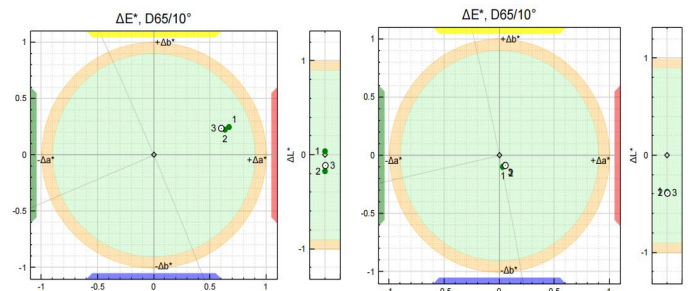
BET Surface Area

序号	Pd	Pod	P/Po	V	1/[V(Po/P-1)]
2	12.54606	6.43742	0.06278	6.84472	0.00979
3	16.16254	10.17160	0.09920	7.47412	0.01473
4	19.81961	13.90579	0.13562	7.95185	0.01973
5	23.47668	17.61563	0.17180	8.39854	0.02470
6	27.10939	21.30111	0.20774	8.81420	0.02975
7	31.29412	25.18141	0.24558	9.24666	0.03520
8	35.17848	29.06172	0.28342	9.68711	0.04083
9	39.05473	32.94203	0.32127	10.11957	0.04677

斜率	截距	Vm	C	Cc
0.14375	0.00017	6.94854	848.67382	0.99971

比表面积(m²/g): 30.29563

ARCD



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