



Pigment Red 149 for Plastics

High Performance Perylene Pigments Producer in China

Pigment Red 149 (S-0722) is a high performance perylene pigments, which is widely used in plastics, masterbatches, fiber drawing, and other industries, it has strong light fastness at 8 degrees and heat resistance at 280°C

Chemicals Product

Trade Name	Pigment Red 149
C.I. No.	C.I.71137
CAS No.	4948-15-6
EC No.	225-590-9
Molecular Formula	C₄₀H₂₆N₂O₄

Physical Data

Physical State	Powder
Appearance	Brilliant Red Powder
Odor	Odorless
Molecular Weight	598.62
PH Value	6-7
Light Fastness	8
Heat Resistance	300°C
Strength %	100 ± 5
Moisture %	≤ 1
Density	1.29-1.30g/cm³

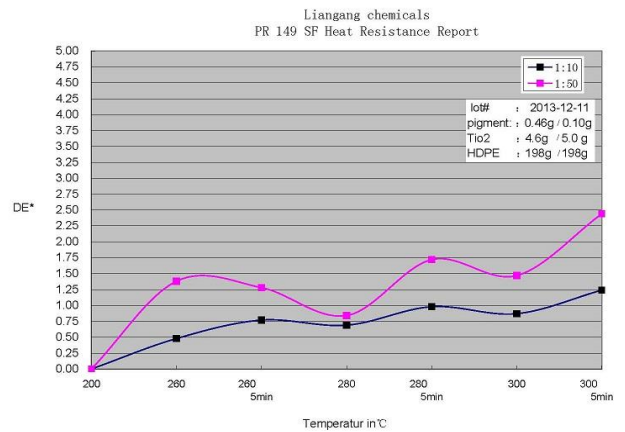
Regulatory Compliance

FDA	PAHs
SVHC	octa-BDE (2003/11/CE)
RoHS	PFOS (2006/122/CE)
AP (89) 1	NP OP NPEO OPEO (2003/53/CE)
ELV Directive 2000/53/CE	Azodyes (2002/61/CE)
EN 71:2013	ODS (2037/2000/CE)

Applications

PVC	●	SAN	●
PUR	●	PMMA	●
PE	●	CA/CAB	●
PP	●	UP	●
PS	●	PC	○
SB	●	PA	○
●	recommended	○	limited suitability

Heat Resistance Report



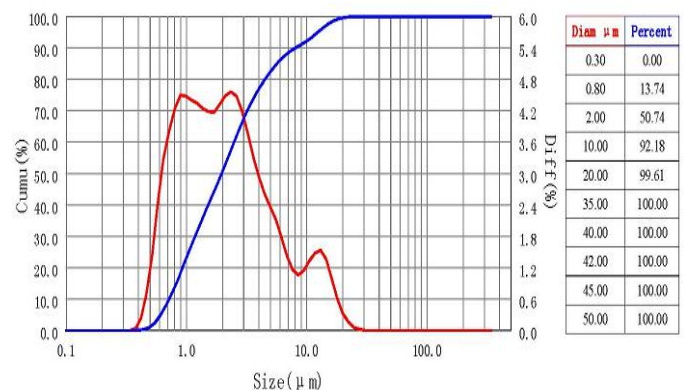
BET Surface Area

ID	Pd	Pcd	P/Po	V	1/[V(Po/P-1)]
3	14.66481	8.33292	0.08127	17.14529	0.00516
4	17.97281	11.77081	0.11479	19.07473	0.00680
5	21.34170	15.26958	0.14892	20.56688	0.00851
6	25.25853	18.96318	0.18494	21.91620	0.01035
7	28.94807	22.68519	0.22124	23.11679	0.01229
8	32.67008	26.42344	0.25769	24.23697	0.01432
9	36.41239	30.14545	0.29399	25.44554	0.01636

Slope	Intercept	Vm	C	Cc
0.05266	0.00074	18.72486	72.13626	0.99963

BET Surface Area (m²/g): 81.64040

Partical Size



鸿港化工

Liaoning HongGang Chemicals Co., Ltd
No.6, Wanhe 2 Road, Aromatics
Base, Liaoyang City, Liaoning Prov,
China
Tel:0419-7675988 Fax:0419-7675289

E-mail: Lyns3322@163.com Sales@liangangchem.com

www.liangangchem.com