

海宁市丽彩颜料化工有限公司

Haining Licai Pigment Chemical Co., Ltd.

中国海宁市海昌南路 426 号 P.C.Code: 314400

426 Haichangnan Road, Haining, China.

TECHNICAL DATA SHEET

Product Name: Solvent Black 27

Color Index No.: C.I Solvent Black 27

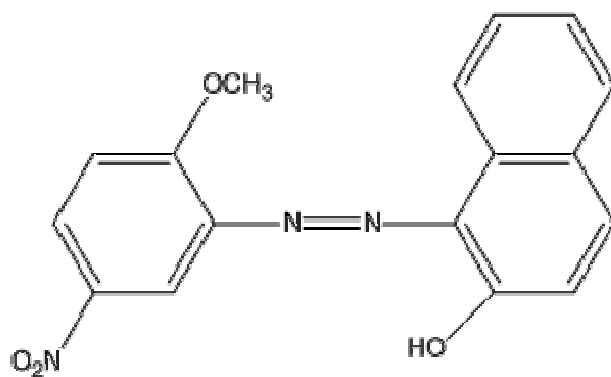
Chemical Type: Azo metal complex

Formula: C₁₇H₁₃N₃O₄Cr_{1/2}

CAS#: 12237-22-8

Molecular Structure:

1:2 Chrome complex with following structure



Other Trade Name:

Zapon Black X51 (BASF)

Valifast Black 3840 (KKK)

Character: Has good compatibility and dissolubility in all kinds of organic solvent, synthetic and natural resin. Has excellent heat stability, light stability, dissolubility as well as strong stain ability.

Use: Mainly be used in dyeing resin, transparent paint, aluminium-foil paper, wood, blocking materials and leather.

Property and Performance:

Fastness				Solubility (g/l)						
M.P. (°C)	Light	Heat	Alkali	Xylene	Methanol	Isopropanol	Ethanol	Butanol	Isobutanol	Ethyl Acetate
180	7	A	A	15	50	5	60	10	-	50

Toluene	MIBK	Cyclohexanone
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20

500

500

Specifications:

Item	Index
Appearance	Black powder
Strength (%)	100 ± 3
Shade	Similar to standard
Moisture (%)	3.0 max
Insoluble in organic solvent (%)	0.3 max

It needs to be declared that the above data is based on our present knowledge and experience; owing to too many affecting factors, these data cannot be free from their check and test when processing and using the product.