NOVAMAT

Nova Material Science Co., Ltd.

Pigment Catalogue

NOVAMAT

Nova Material Science Co., Ltd.

Shanghai Office

RM508, Building No.4, Alley 3599 Qixin Road, Minhang District,
Shanghai, China, 201101
Tel : 021 - 6416 1373 Fax : 021 - 6418 2869

Taipei Office

15F., No.661, Bannan Road, Zhonghe Dist, New Taipei City, 23557
Tel : 886-2-2228 8288 Fax : 886-2-2228 1018

China Factory

Changshan industrial park, Quzhou City, Zhejiang Province, China

Company Profile

Novamat is a premium chemical products supplier to create value for our customers.

With all experienced people from manufacturing, product management, exporting and logistics, Novamat is able to offer you competitive and creative solutions.

Our reputable distribution channels are well set in Asia, Europe, America, even Middle East countries. Through the distribution network, Novamat products are easily accessed for your convenience.

公司简介

诺安材料科技有限公司的产品包括颜料，助剂，铝银浆，树脂等，广泛应用于油墨，涂料，塑料等领域。此外，诺安也代理多种国外知名品牌。

诺安的国内销售网络覆盖华东，华南，以及西南地区。同时，我们国际销售网络遍及亚洲，欧洲，美洲以及中东各区域。

在诺安，有最专业的生产制造和产品管理人员，有经验丰富的营销团队和便捷的物流，为您提供更经济，更效率，更符合需求的化工产品解决方案。



Pigments from Novamat

Novamat supplies pigments from low end azo pigments to high performance pigments such as Benzimidazolone, DPP, and Dioxazine.

Our pigments are widely used in printing inks, coatings and plastics.

The symbols mean:
- ● = Recommended
- ○ = Limited Suitability
- — = Not Recommended

Light Fastness
Products recommended for special application such as outdoor paint, printing inks, plastics are checked by exposing to QUV accelerated weathering tester.
1 = Poor Light Fastness
8 = Excellent Light Fastness

Migration - Bleed Fastness
1 = Bleeding
5 = No Bleeding

颜料色卡 Colour of Pigment	产品 Product Name	耐光 Light Fastness	Coatings							Inks				Plastics								特性 Properties
			Refinish Paint	Industrial Paint	Decorative Paint	Coil Coating	Wood Coating	Powder Coating	PA Ink	Cl-PP Ink	PU Ink	NC Ink	Waterbased	Heat Stability 耐温（℃）	Migration	PVC	PE/PP	ABS	PS	PA	Rubber	
	Yellow Y03W (C.I.PY3)	6 - 7	–	○	●	–	●	–	●	–	–	○	●	–	–	–	–	–	–	–	–	Very green shade with good fastness
	Yellow 120 (C.I.PY12)	4	–	–		–		–	●	–	–	●	○	–	–	○	–	–	–	–	–	Economical grade
	Yellow 120T (C.I.PY12)	4	–	–	–	–	–	–	●	●	–	○	–	–	–	–	–	–	–	–	–	Good gloss, competitive price
	Yellow 121T (C.I.PY12)	4	–	–	–	–	–	–	●	○	–	●	–	–	–	–	–	–	–	–	–	Good gloss, low viscosity
	Yellow 131T (C.I.PY13)	5	–	–	–	–	–	–	○	–	–	●	–	–	–	–	–	–	–	–	–	Good gloss for NC ink
	Yellow 140 (C.I.PY14)	4	–	–	–	–	–	–	●	●	–	●	–	⩽200°C	4	○	●	–	–	–	–	Opaque and economical type
	Yellow 140P (C.I.PY14)	4 - 5	–	–	–	–	–	–	–	–	–	–	–	⩽200°C	4 - 5	●	○	–	–	–	–	Green shade
	Yellow 140T (C.I.PY14)	4 - 5	–	–	–	–	–	–	●	○	–	–	–	–	–	–	–	–	–	–	–	Green shade, good gloss and transprency
	Yellow 141RM (C.I.PY14)	4 - 5	–	–	–	–	–	–	●	◑	○	○	–	–	–	–	–	–	–	–	–	Semi-transparent
	Yellow 141GH (C.I.PY14)	4 - 5	–	–	–	–	–	–	○	●	●	–	–	–	–	–	–	–	–	–	–	Opaque type for PU ink

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			Refinish Paint	Industrial Paint	Decorative Paint	Coil Coating	Wood Coating	Powder Coating	PA Ink	Cl-PP Ink	PU Ink	NC Ink	Waterbased	Heat Stability 耐温（℃）	Migration	PVC	PE/PP	ABS	PS	PA	Rubber	
	Yellow 143T (C.I.PY14)	4 - 5	–	–	–	–	–	–	●	●	○	●	–	–	–	–	–	–	–	–	–	Very transparent and low viscosity for PU ink
	Yellow 144 (C.I.PY14)	4 - 5	–	–	–	–	–	–	●	●	●	●	–	–	–	–	–	–	–	–	–	Very opaque type with low viscosity
	Yellow 14W (C.I.PY14)	4 - 5	–	–	–	–	–	–	–	–	–	–	●	–	–	–	–	–	–	–	–	Semi opaque type
	Yellow 14TK (C.I.PY14)	4 - 5	–	–	–	–	–	–	–	–	–	–	–	200°C	4 - 5	●	○	–	–	–	–	Very opaque type with good gloss
	Yellow Y17 (C.I.PY17)	6 - 7	–	–	–	–	–	–	○	●	–	●	○	⩽200°C	3 - 4	●	○	–	–	–	○	Green shade, good gloss
	Yellow 650 (C.I.PY65)	7	○	●	●	○	–	○	–	–	–	–	–	–	–	–	–	–	–	–	–	Green shade, good gloss
	Yellow 740 (C.I.PY74)	6 - 7	–	●	●	–	●	–	●	–	–	–	●	–	–	–	–	–	–	–	–	Green shade, opaque and gloss
	Yellow 74T (C.I.PY74)	6 - 7	–	●	●	–	●	–	●	–	–	–	●	–	–	–	–	–	–	–	–	Green shade, transparent
	Yellow 810 Yellow 810C (C.I.PY81)	6 - 7	–	●	●	–	●	–	●	●	○	○	●	240°C	5	○	●	–	–	–	●	Lemon shade, good light fastness
	Yellow HR83 (C.I.PY83)	6 - 7	–	●	–	–	–	○	●	●	○	●	–	⩽200°C	–	–	–	–	–	–	–	Transparent and good gloss

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			Refinish Paint	Industrial Paint	Decorative Paint	Coil Coating	Wood Coating	Powder Coating	PA Ink	Cl-PP Ink	PU Ink	NC Ink	Waterbased	Heat Stability 耐温（℃）	Migration	PVC	PE/PP	ABS	PS	PA	Rubber	
	Yellow HR831 (C.I.PY83	6 - 7	–	●	–	–	–	○	●	●	○	●	–	⩽200°C	–	–	–	–	–	–	–	High gloss and low viscosity
	Yellow HR83M (C.I.PY83)	6 - 7	○	●	–	●	–	●	–	–	–	–	–	⩽200°C	5	●	○	–	–	–	–	Semi-transparent, good fastness
	Yellow HR830 (C.I.PY83)	7 - 8	●	●	●	●	●	●	–	●	–	–	●	⩽200°C	–	–	–	–	–	–	–	Very opaque type with good fastness
	Yellow 1100 (C.I.PY110)	7 - 8	●	●	–	●	–	●	●	●	●	●	●	300°C	5	●	●	●	●	○	○	Very red shade and good transparency
	Yellow 1380 (C.I.PY138)	7 - 8	●	●	–	●	–	●	●	–	–	●	●	280°C	5	●	●	●	●	●	●	Lemon shade with excellent fastness
	Yellow 1390 Yellow 1390P (C.I.PY139)	7 - 8	●	●	○	●	○	●	●	–	–	●	–	240°C	4 - 5	●	●	–	–	–	○	Red shade with excellent fastness
	Yellow 1500G Yellow 1500GTX (C.I.PY150)	7	–	–	–	–	–	–	●	–	–	●	–	260°C	–	–	–	–	–	–	–	Special green shade yellow with high color strength
	Yellow 1510 (C.I.PY151)	7 - 8	●	●	–	–	–	●	○	–	–	○	●	260°C	5	●	●	–	–	–	○	Green shade with good gloss
	Yellow 1540 (C.I.PY154)	7 - 8	●	●	●	●	●	●	●	–	–	○	○	–	–	–	–	–	–	–	–	Green shade with good gloss
	Yellow 1680 (C.I.PY168)	6 - 7	–	–	–	–	–	–	–	–	–	–	–	230°C	–	●	●	–	–	–	–	Green shade with good heat stabiltiy

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			Refinish Paint	Industrial Paint	Decorative Paint	Coil Coating	Wood Coating	Powder Coating	PA Ink	Cl-PP Ink	PU Ink	NC Ink	Waterbased	Heat Stability 耐温（℃）	Migration	PVC	PE/PP	ABS	PS	PA	Rubber	
	Yellow 1800 Yellow 1800P (C.I.PY180)	7	●	●	●	●	–	●	–	–	–	●	○	260°C	5	●	●	●	●	–	●	Green shade with excellent fastness
	Yellow 1910 (C.I.PY191)	7	–	–	–	–	–	–	–	–	–	–	–	280°C	5	●	●	●	●	–	●	Red shade with good stability
	Red 03 (C.I.PR3)	6 - 7	–	●	●	–	–	–	●	●	–	●	○	–	–	–	–	–	–	–	–	Blue shade red with good fastness
	Red 4810 (C.I.PR48:1)	5	–	–	–	–	–	–	●	●	●	○	–	–	–	–	–	–	–	–	–	Yellow shade, low viscosity
	Red 4821 (C.I.PR48:2)	5	–	–	–	–	–	–	●	○	–	●	–	–	–	–	–	–	–	–	–	Blue shade, low viscosity
	Red 4822 Red 4822S (C.I.PR48:2)	5 - 6	–	–	–	–	–	–	–	–	–	–	–	230°C	5	●	●	–	●	–	●	Blue shade, Ciba 2BP type
	Red 4830WI (C.I.PR48:3)	6 - 7	–	–	–	–	–	–	–	–	–	–	●	–	–	–	–	–	–	–	–	Blue shade for water based application
	Red 4832 (C.I.PR48:3)	6 - 7	–	–	–	–	–	–	–	–	–	–	–	240°C	5	●	●	–	●	–	●	Blue shade, no migration
	Red 4840 (C.I.PR48:4)	7	○	●	–	–	–	–	–	–	–	●	○	–	–	–	–	–	–	–	–	Blue and semi-opaque
	Red 491W (C.I.PR49:1)	4 - 5	–	–	–	–	–	–	–	–	–	–	●	–	–	–	–	–	–	–	–	Medium to yellow shade

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			Refinish Paint	Industrial Paint	Decorative Paint	Coil Coating	Wood Coating	Powder Coating	PA Ink	Cl-PP Ink	PU Ink	NC Ink	Waterbased	Heat Stability 耐温 (℃)	Migration	PVC	PE/PP	ABS	PS	PA	Rubber	
	Red 5220 (C.I.PR52:2)	6	●	●	–	–	–	●	–	–	–	–	–	–	–	–	–	–	–	–	–	Blue shade
	Red 5311L (C.I.PR53:1)	3 - 4	–	–	–	–	–	–	●	●	–	●	–	–	–	–	–	–	–	–	–	Yellow shade, transparent
	Red 531LG (C.I.PR53:1)	3 - 4	–	–	–	–	–	–	●	●	–	●	–	–	–	–	–	–	–	–	–	Low Barium content
	Red 5312 (C.I.PR53:1)	3 - 4	–	–	–	–	–	–	–	–	–	–	–	200°C	4 - 5	●	●	–	–	–	○	Yellow shade, economic type
	Red 5711GL (C.I.PR57:1)	4 - 5	–	–	–	–	–	–	●	●	–	●	–	–	–	–	–	–	–	–	–	Very blue shade, good gloss
	Red 5712 (C.I.PR57:1)	6	–	–	–	–	–	–	–	–	–	–	–	250°C	5	●	●	–	○	–	●	Very blue shade
	Red 5716 (C.I.PR57:1)	4 - 5	–	–	–	–	–	–	●	●	○	○	–	–	–	–	–	–	–	–	–	Medium shade, for PA/Cl-PP ink
	Red 571WB/WY (C.I.PR57:1)	4 - 5	–	–	–	–	–	–	–	–	–	–	●	–	–	–	–	–	–	–	–	For water based ink
	Red 1120 (C.I.PR112)	7	–	●	●	–	–	–	–	–	–	–	●	–	–	–	–	–	–	–	–	Medium shade for water based ink
	Pink 122B/PT (C.I.PR122)	7 - 8	●	●	–	●	–	●	●	○	○	●	–	300°C	5	●	●	●	●	○	●	Blue shade, transparent and competitive price

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			Refinish Paint	Industrial Paint	Decorative Paint	Coil Coating	Wood Coating	Powder Coating	PA Ink	Cl-PP Ink	PU Ink	NC Ink	Waterbased	Heat Stability 耐温（℃）	Migration	PVC	PE/PP	ABS	PS	PA	Rubber	
	Pink 1220 (C.I.PR122)	7 - 8	●	●	●	●	●	●	●	●	●	●	●	300°C	5	●	●	●	●	○	●	More yellow, semi-opaque
	Red 1461 (C.I.PR146)	6 - 7	–	–	–	–	–	–	●	●	●	●	–	–	–	–	–	–	–	–	–	Transparent, retort system
	Red 1468 (C.I.PR146)	6	–	–	–	–	–	–	●	●	○	●	–	–	–	–	–	–	–	–	–	Economical grade
	Red 170R (C.I.PR170	7	●	●	○	●	–	●	○	●	–	●	●	–	–	–	–	–	–	–	–	Mediume to yellow shade, good fasntess
	Red 170Y (C.I.PR170)	6 - 7	●	●	–	●	–	●	○	–	–	●	●	240°C	3	○	●	–	–	–	–	Medium shade with good fastness
	Red 170B (C.I.PR170)	6 - 7	–	●	–	○	–	○	●	●	●	○	–	240°C	–	○	●	–	–	–	–	Blue shade with good fastness
	Red 1760 (C.I.PR176)	7	●	●	–	●	–	●	–	–	–	●	●	260°C	5	●	●	–	●	–	●	Carmine color
	Red 1770 (C.I.PR177)	8	●	●	–	●	–	●	●	–	–	●	–	–	–	–	–	–	–	–	–	Transparent blue shade
	Red 1850 (C.I.PR185)	7 - 8	●	●	–	●	–	●	–	–	–	●	●	260°C	5	●	●	–	●	–	●	Carmine color
	Red 2140FP (C.I.PR214)	7 - 8	●	●	–	●	–	●	–	–	–	–	–	300°C	5	●	●	○	●	○	●	Blue shade with extinguish color

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			Refinish Paint	Industrial Paint	Decorative Paint	Coil Coating	Wood Coating	Powder Coating	PA Ink	Cl-PP Ink	PU Ink	NC Ink	Waterbased	Heat Stability 耐温（℃）	Migration	PVC	PE/PP	ABS	PS	PA	Rubber	
	Red 2540 (C.I.PR254)	8	●	●	●	●	●	●	●	●	○	●	●	300°C	5	●	●	○	●	–	●	DPP pigment with excellent fastness
	Red 254BO (C.I.PR254)	8	●	●	–	●	–	●	–	–	–	–	–	–	–	–	–	–	–	–	–	More blue than Red 2540
	Red 2660 (C.I.PR266)	6	–	–	–	–	–	–	●	●	●	–	–	–	–	–	–	–	–	–	–	Blue shade red with good fastness
	Red 8110S (C.I.PR81)	7	–	–	–	–	–	–	●	●	–	●	–	–	–	–	–	–	–	–	–	Bright color with good fastness
	Red 8110W (C.I.PR81)	7	–	–	–	–	–	–	–	–	–	–	●	–	–	–	–	–	–	–	–	Bright color, for waterbased ink
	Red 169W (C.I.PR169)	7	–	–	–	–	–	–	–	–	–	–	●	–	–	–	–	–	–	–	–	Good color strength
	Orange 05 (C.I.PO5)	5 - 6	–	○	○	–	–	–	●	○	–	●	●	–	–	–	–	–	–	–	–	Semi-opaque
	Orange 130 (C.I.PO13)	4 - 5	○	●	–	○	–	●	–	–	–	●	●	⩽200°C	3	●	○	–	–	–	●	Semi-opaque type
	Orange 131T (C.I.PO13)	4 - 5	–	–	–	–	–	–	●	●	–	●	–	–	–	–	–	–	–	–	–	Transparent
	Orange 9131T (C.I.PO13)	4 - 5	–	–	–	–	–	–	●	●	○	●	–	–	–	–	–	–	–	–	–	Bright orange with low viscosity

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			Refinish Paint	Industrial Paint	Decorative Paint	Coil Coating	Wood Coating	Powder Coating	PA Ink	Cl-PP Ink	PU Ink	NC Ink	Waterbased	Heat Stability 耐温（℃）	Migration	PVC	PE/PP	ABS	PS	PA	Rubber	
	Orange 34T (C.I.PO34)	5 - 6	–	–	–	–	–	–	●	◐	–	●	●	⩽200°C	2 - 3	●	○	–	–	–	●	Semi-transparent
	Orange 340 (C.I.PO34)	6 - 7	●	●	–	●	–	●	–	–	–	–	–	⩽200°C	3	●	○	–	–	–	●	Bright orange with good opacity
	Orange 360 Orange 360A (C.I.PO36)	7 - 8	●	●	●	●	–	●	–	○	–	●	●	–	–	–	–	–	–	–	–	Semi-opaque
	Orange 640 (C.I.PO64)	7 - 8	–	●	–	○	–	●	–	–	–	–	–	300°C	5	●	●	●	●	–	●	Very bright orange with excellent heat stability
	Orange 730 (C.I.PO73)	7 - 8	●	●	–	●	–	●	●	◐	●	●	–	300°C	4 - 5	●	●	○	○	–	●	DPP Orange with good color saturation
	Violet V3SH (C.I.PV3)	5	–	–	–	–	–	–	●	–	–	●	–	–	–	–	–	–	–	–	–	Good color strength
	Violet V3W (C.I.PV3)	5	–	–	–	–	–	–	–	–	–	–	●	–	–	–	–	–	–	–	–	For waterbased ink
	Red E5B Red E5B02 (C.I.PV19)	7 - 8	●	●	–	●	–	●	–	–	–	●	●	300°C	5	●	●	○	●	–	●	Gamma type, pink color
	Violet RT201 (C.I.PV19)	8	●	●	–	●	–	●	–	–	–	●	●	300°C	5	●	●	●	●	○	●	Beta type, violet color
	Violet 2300 (C.I.PV23)	7 - 8	●	●	●	●	–	●	●	◐	●	●	●	260°C	4	●	●	○	○	–	●	Good color strength, economical grade

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			Refinish Paint	Industrial Paint	Decorative Paint	Coil Coating	Wood Coating	Powder Coating	PA Ink	Cl-PP Ink	PU Ink	NC Ink	Waterbased	Heat Stability 耐温（℃）	Migration	PVC	PE/PP	ABS	PS	PA	Rubber	
	Violet 2300R/P (C.I.PV23)	7 - 8	●	●	●	●	–	●	●	●	●	●	–	280°C	4 - 5	●	●	○	●	–	●	Red shade, good gloss and flow
	Violet 27W (C.I.PV27)	4	–	–	–	–	–	–	–	–	–	–	●	–	–	–	–	–	–	–	–	Good strength
	Blue 1500P (C.I.PB15)	6 - 7	–	–	–	–	–	–	–	–	–	–	–	200°C	4	○	●	○	–	–	–	Red shade, economical type
	Blue 1510 (C.I.PB15:1)	7 - 8	–	●	●	–	–	–	–	–	–	●	●	260°C	4 - 5	●	●	○	–	○	●	Red shade, good heat stability
	Blue 1535A (C.I.PB15:3)	7 - 8	●	●	–	●	–	●	●	●	●	●	–	280°C	5	●	●	○	–	–	○	Red shade, good gloss
	Blue 1537 (C.I.PB15:3)	7 - 8	–	○	–	○	–	●	●	●	●	●	○	280°C	5	●	●	○	–	–	○	Red shade, good gloss
	Blue A3R (C.I.PB60)	7 - 8	●	●	–	●	–	●	–	–	–	–	–	–	–	–	–	–	–	–	–	Very red shade
	Green GFP311 Green GFP-P (C.I.PG7)	7 - 8	●	●	●	●	–	●	●	●	●	●	○	280°C	5	●	●	●	●	○	●	Clean color green

Lead-free organic pigments

Lead-free is not only non-toxic and harmless but also conducive to environmetla production and safety, more than the tradional lead-containing inorganic pigments have better brightness and color strength

颜料色卡 Chrome Color Hue	产品 Novamat Product	颜料索引号 C.I. No.	Fastness Properties 耐光 Light Fastness	耐温（℃） Heat Stability	耐迁移 Migration	Applicatons Refinish Paint	Industrial Paint	water Dispersion	Powder Coating
10G	Yellow Y03W	PY3	6 - 7	140	3	–	–	●	–
	Yellow 810/810C	PY81	6 - 7	200	4 - 5	○	●	●	●
	Yellow 184LH	PY184	8	220	4	●	●	●	●
5G	Yellow 740	PY74	7	140	2 - 3	–	○	●	–
	Yellow 1510	PY151	7 - 8	200	4 - 5	●	●	●	●
	Yellow 1540	PY154	7 - 8	200	4 - 5	●	●	●	●
G	Yellow 650	PY65	6 - 7	200	3 - 4	–	●	–	–
	Yelow HR830	PY83	7 - 8	200	4 - 5	○	●	●	●
	Yellow 1100	PY1110	7 - 8	200	4 - 5	●	●	●	●
	Yellow 1390	PY139	7 - 8	200	4 - 5	●	●	●	●
Orange	Orange 340	PO34	6 - 7	200	3 - 4	–	○	○	○
	Orange 360	PO36	7 - 8	220	4	●	●	●	●
	Orange 760	PO73	8	200	4 - 5	●	●	●	●

Inorganic Pigments

产品 Product Name	耐光 Light Fastness	Paint / 涂料 Refinish Paint	Industrial Paint	Powder Coating	Waterbased Paint	Plastics / 涂料 PVC	IPE/PP	ABS	Rubber
Yellow 350G C.I. PY 34	5	–	●	○	●	●	●	–	●
Yellow 406 C.I. PY 34	6	–	●	○	●	●	●	–	●
Yellow 506 C.I. PY 34	6	–	●	○	●	●	●	–	●
Yellow 706 C.I. PY 34	6	–	●	○	●	●	●	–	●
Yellow 508 C.I. PY 34	3 - 4	○	●	●	●	●	●	–	●
Yellow 708/708E C.I. PY 34	3 - 4	○	●	●	●	●	●	–	●
Yellow 808 C.I. PY 34	3 - 4	○	●	●	●	●	●	–	●
Yellow 1000C C.I. PY 34	8	●	●	●	●	–	–	–	–
Yellow 4000C C.I. PY 34	8	●	●	●	●	–	–	–	–
Yellow 1000P C.I. PY 34	6	–	–	–	–	●	●	●	●
Yellow 4000P C.I. PY 34	6	–	–	–	–	●	●	●	●
Red 7000C C.I. PR 104	7 - 8	●	●	●	●	–	–	–	–
Red 8000C C.I. PR 104	7 - 8	●	●	●	●	–	–	–	–
Red 7000P C.I. PR 104	7 - 8	–	–	–	–	●	●	●	●
Red 8000P C.I. PR 104	7 - 8	–	–	–	–	●	●	●	●
Red 700 C.I. PR 104	3 - 4	○	●	●	●	●	●	–	○
Thermoxide Yellow 20 C.I. PY 42	8	●	●	●	●	●	●	●	●
Thermoxide Yellow 30 C.I. PY 42	8	●	●	●	●	●	●	●	●