



Pigcise Orange PA for NEV warning parts


To meet the orange requirements of nylon parts used in electric vehicles, our company launched Pigcise Orange PA series pigments used in high-heat resistant nylon.


Pigcise Orange PA series is suitable for PA6/66 with excellent thermal stability, migration resistance and aging resistance. Regarding the temperature performance, they can work in high temperature environment for a long time without discoloration, which makes them widely used in many kinds of high temperature special engineering applications. They also have excellent light resistance, light resistance of grade 7-8 in 1/25 standard depth PA6.

In Pigcise Orange PA series, the chromatographic distribution are from medium orange to reddish orange, providing multiple solutions for nylon warning effect in electric vehicles.


Application

Suitable for PA6 and PA66 etc.

 www.precisechem.com

 08:00 AM - 06:00 PM

 0574-88139027 0574-88139809

 sales@precisechem.com

PRECISE NEW MATERIAL TECHNOLOGY CO., LTD.



Scan to download catalogue

Pigcise O. FO

PO FO Pigment for Plastic Applications

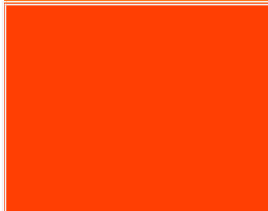
Technical Data Sheet

Version: 3.0.1 Rev. Date: 05/12 / 2022

PRODUCT DESCRIPTION

Color Index	Pigment Orange FO
C.I. No.	-
CAS No.	-
EC No.	-
Chemical Type	-
Chemical Formula	-

FULL SHADE



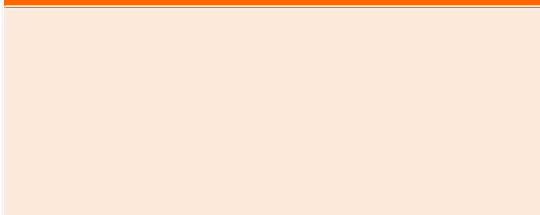
REDUCTION (1:10 TiO2)



PRODUCT PROFILE

Pigcise O. FO is a reddish orange pigment. It has excellent overall fastness and heat resistance. It's recommended for coloring PA6/66, which requests high light fastness and heat resistance, such as electric vehicle spare parts.

STRUCTURAL FORMULA



PHYSICAL DATA

Appearance	Orange Powder
Density [g/cm ³]	1.25
Bulk Volume [kg/m ³]	180

APPLICATION PROFILE

PE	x	PS/SAN	x	PP fiber	x
PP	x	ABS	x	PET fiber	o
PVC-u	x	PC	x	PA fiber	●
PVC-p	x	PET	●	PAN fiber	-
Rubber	x	PA	●		

● = recommended o = limited use x = not recommended

FASTNESS PROPERTIES

Migration [PA]	4~5
Light Fastness [1/3 SD] [PA]	7~8
Heat Resistance [°C] [1/3 SD] [PA]	300

STANDARD PACKAGING

25kg Bags/Carton/Drum
Different types of packaging are available on request

The data given in this file is based on the present state of our knowledge and experience. Customers are allowed to make your own tests and assessments because of many possible factors which can affect the result and performance of our products in practical application. A legal liability for any of the properties or suitability for a specific usage can't be concluded from data. It is the buyer's responsibility to ensure that complies with all relevant legislations, regulations and prescription both in use of our products and subsequent application. All the data are based on our own tests and comparison between different pigments.



PRECISE COLOR NINGBO PRECISE NEW MATERIAL TECHNOLOGY CO., LTD.

Pigcise O. 2HF

PO 2HF Pigment for Plastic Applications

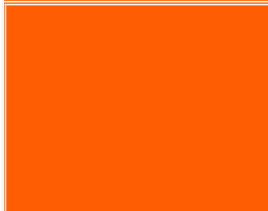
Technical Data Sheet

Version: 3.0.1 Rev. Date: 05/12 / 2022

PRODUCT DESCRIPTION

Color Index	Pigment Orange 2HF
C.I. No.	-
CAS No.	-
EC No.	-
Chemical Type	-
Chemical Formula	-

FULL SHADE



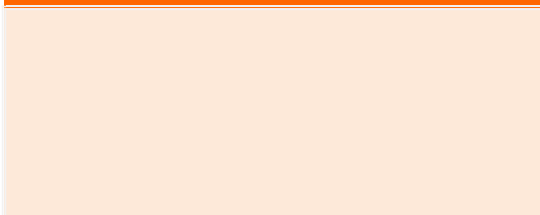
REDUCTION (1:10 TiO2)



PRODUCT PROFILE

Pigcise O. 2HF is a reddish orange pigment which is more greenish than Pigment Orange FO. It also has excellent overall fastness and heat resistance, recommended for coloring PA6/66, which requests high light fastness and heat resistance, such as electric vehicle spare parts.

STRUCTURAL FORMULA



PHYSICAL DATA

Appearance	Orange Powder
Density [g/cm ³]	1.25
Bulk Volume [kg/m ³]	180

APPLICATION PROFILE

PE	x	PS/SAN	x	PP fiber	x
PP	x	ABS	x	PET fiber	o
PVC-u	x	PC	x	PA fiber	●
PVC-p	x	PET	●	PAN fiber	-
Rubber	x	PA	●		

● = recommended o = limited use x = not recommended

FASTNESS PROPERTIES

Migration [PA]	4~5
Light Fastness [1/3 SD] [PA]	7~8
Heat Resistance [°C] [1/3 SD] [PA]	300

STANDARD PACKAGING

25kg Bags/Cartron/Drum
Different types of packaging are available on request

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PRECISE COLOR NINGBO PRECISE NEW MATERIAL TECHNOLOGY CO., LTD.

Pigcise Y. 4GR

PY4GR Pigment for Plastic Applications

Technical Data Sheet

Version: 3.0.1 Rev. Date: 05/12 / 2022

PRODUCT DESCRIPTION

Color Index	Pigment Yellow 4GR
C.I. No.	-
CAS No.	-
EC No.	-
Chemical Type	-
Chemical Formula	-

FULL SHADE



REDUCTION (1:10 TiO2)



PRODUCT PROFILE

Pigment Yellow 4GR is reddish yellow recommended for Polyamide. It has excellent heat resistance and light fastness. This product is widely used in the coloring plastics and recommended for PA6, PA66.

STRUCTURAL FORMULA

N/A

PHYSICAL DATA

Appearance	Yellow Powder
Density [g/cm ³]	1.30
Bulk Volume [kg/m ³]	230

APPLICATION PROFILE

PE	●	PS/SAN	●	PP fiber	●
PP	●	ABS	○	PET fiber	●
PVC-u	●	PC	●	PA fiber	●
PVC-p	●	PET	●	PAN fiber	-
Rubber	●	PA	●		

● = recommended ○ = limited use x = not recommended

FASTNESS PROPERTIES

Migration [PA]	5
Light Fastness [1/3 SD] [PA]	8
Heat Resistance [°C] [1/3 SD] [PA]	300

STANDARD PACKAGING

25kg Bags/Carton/Drum
Different types of packaging are available on request

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