

PRODUCT DATA SHEET

Product description : WAKAR® Diffusion oil is a viscous oil pigment coloring special dispersant, used for plastic products mixing dyeing, plastic color masterbatch, production and polishing, improve the dispersion of pigment, make the color more uniform, more bright color, at the same time make the product surface has bright and act as internal and external release agent, and can greatly improve the product performance. The product has excellent yellow change resistance and diffusion performance. The unique performance of the liquid can quickly wet and evenly disperse the pigments, with a typical addition amount of 0.1-0.5%.



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Common packaging : The following can be packaged by customer requirements (OEM)



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Model	Surface	Smell	Temperature resistance	Dynamic viscosity	Environmental protection
8318A1	water-white	tasteless	320	1000	ROHS, REACH, EN71, PAHS, FDA, and Halogen
8318AG	water-white	tasteless	310	1000	ROHS, REACH, EN71, PAHS, Halogen
8318A2	water-white	tasteless	250	900	ROHS, REACH, EN71, PAHS, Halogen
8138AW	water-white	tasteless	220	800	ROHS, REACH, EN71, PAHS, Halogen
M-180	water-white	tasteless	220	800	ROHS, REACH, EN71, PAHS, Halogen
8318A	yellowish	Oil flavor	220	800	ROHS
M-175	yellowish	Oil flavor	220	800	ROHS
8318C	water-white	tasteless	300	500	ROHS, REACH, EN71, PAHS, Halogen
M-C	water-white	tasteless	300	500	ROHS, REACH, EN71, PAHS, Halogen

Data specification : Viscosity is 25℃ viscosity cps, and the viscosity can be adjusted according to the customer requirements, temperature resistance of ℃, temperature resistance is estimated according to the flash point
Except for 8318C, M-C products added in plastic to do not affect the product transparency, all other products will affect the product transparency
Environmental protection is based on the historical test, does not mean that all have corresponding reports, can make a statement report

Application advice : Plastic color matching: the injection molding industry added amount is 0.1% - 0.5%
Color master production: to improve the dispersion effect of pigment and filler in the base material, the recommended addition amount is 1-5%
Master polishing: improve brightness, added to polishing, recommended adding amount 0.1-0.5% (8318C, M-C polishing has no effect)
Dust-proof agent: the dry powder is mixed and added as an adhesive dry powder, to avoid dust flying, the recommended addition amount is 0.2-0.6%
Fluagent: in oil ink coating, 8318A1 and 8318AG have smooth foaming effect, and the recommended addition amount is 0.1-1%

Supplementary information : WAKAR®Diffusion oil meets the following standards:
ECHOIN: It is listed in EINECS Standard Number 613-156-5
CAS number: 63148-62-9 HS Code: 3910000000

Storage packaging : This product in transportation and storage should pay attention to avoid light, moisture, hook scraping, pollution, high temperature, stored in a cool and ventilated place.
To ensure optimal performance, it is recommended to use the product on the first, first-in, first-out basis after receiving the goods.18Kg / barrel & 486Kg / bracket

Preparation of the state : owing to WAKAR®Diffusion oil has a wide range of applications and various related topics, which cannot be fully elaborated in this technical data sheet. We may request a statement of compliance, please contact your US sales representative.

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