



- INTENSE COLOURANT
- MATTIFIER
- TEXTURIZER
- DRY BINDER
- ANTI CAKING

NYLONPOLY® COLOUR is a range of Nylon-6 powders with different sizes and colours. Nylonpolys are spherical particles with a sponge-like structure and a soft feel. These particles form elevations on the surface of emulsion when the emulsion is applied on the skin. These elevations prevent airborne particles from attaching onto the surface giving the skin an anti-pollution shield.

NYLONPOLY® COLOUR are used as colourant, texturizing agents, dry binders and emulsion stabilizers. They also give a high mattifying effect to all formulations. The spherical shape and sponge-like structure give a soft feel and enhanced spreadability. **NYLONPOLY® COLOUR** can also stabilize emulsions by hindering Brownian movement. This is due to the particle size and density of Nylonpoly®.

	Trade Name	INCI name	Type of Dye	Global Regulatory Restrictions	Light Stability
	Nylonpoly® B1 WL 7	Nylon-6 (and) Blue 1 (CI 42090)	FD&C Blue 1	Restricted from eye use in China and Korea.	Good
	Nylonpoly® Carmin/ B1 WL 7	Nylon-6 (and) Carmine (CI 75470) (and) Blue 1 (CI 42090)	Carmine FD&C Blue 1	Restricted from eye use in China and Korea.	Good
	Nylonpoly® G5 WL 7	Nylon-6 (and) Green 5 (CI 61570)	D&C Green 5	Restricted from eye use in Korea.	Very Good
	Nylonpoly® R6 WL 7	Nylon-6 (and) Red 6 (CI 15850)	D&C Red 6	Restricted from eye use in the U.S.	Poor
	Nylonpoly® R7 WL 7	Nylon-6 (and) Red 7 (CI 15850)	D&C Red 7	Restricted from eye use in the U.S and Korea.	Poor
	Nylonpoly® R17 WL 7	Nylon-6 (and) Red 17 (CI 26100)	D&C Red 17	Restricted from lip and eye use in European Union and USA. Prohibited in China. Restricted from eye use in Korea.	Good
	Nylonpoly® R22 WL 7	Nylon-6 (and) Red 22 (CI 45380)	D&C Red 22	Restricted from eye use in the U.S.	Poor
	Nylonpoly® R22/ Carmin WL 7	Nylon-6 (and) Red 22 (CI 45380) (and) Carmine (CI 75470)	D&C Red 22 Carmine	Restricted from eye use in the U.S.	Poor
	Nylonpoly® R28 WL 7	Nylon-6 (and) Red 28 (CI 45410)	D&C Red 28	Restricted from eye use in the U.S and Korea.	Poor
	Nylonpoly® R33 WL 7	Nylon-6 (and) Red 33 (CI 17200)	D&C Red 33	Restricted from eye use in the U.S and Korea.	Good
	Nylonpoly® Y5/B1 WL 7	Nylon-6 (and) Yellow 5 (CI 19140) (and) Blue 1 (CI 42090)	D&C Yellow 5 FD&C Blue 1	Restricted from eye use in China and Korea.	Good
	Nylonpoly® Y5/R28 WL 7	Nylon-6 (and) Yellow 5 (CI 19140) (and) Red 28 (CI 45410)	D&C Yellow 5 D&C Red 28	Restricted from eye use in the U.S and Korea.	Poor
	Nylonpoly® Y5 WL 7	Nylon-6 (and) Yellow 5 (CI 19140)	D&C Yellow 5	Restricted from eye use in Korea.	Good
	Nylonpoly® Y6 WL 7	Nylon-6 (and) Yellow 6 (CI 15985)	D&C Yellow 6	Restricted from eye use in the U.S and Korea.	Good

Benefits

- Intense color
- Mattifying
- Improves feel and spreadability
- Excellent colour development and homogenization
- Evens colour pay off on powder applications
- Enhance pressability of powder applications
- Emulsion stabilizer
- Anti pollution shield

Properties

- Particle size distribution
- Spherical, sponge-like structure
- White when dry, transparent when wet
- Inert



NYLONPOLY® COLOUR

Application Areas

Colour Care

NYLONPOLY® COLOUR products are ideal for long lasting colour care applications as they have a good skin adherence. They can easily replace conventional pigments in formulations.

NYLONPOLY® COLOUR can be used in both loose and pressed powder applications and in colour care emulsions. **NYLONPOLY® COLOUR** bring many benefits to powder applications. They act as dry binders, and they improve pressability preventing cracking because of their sponge-like structure, which entraps air. **NYLONPOLY® COLOUR** enhance application properties by acting as dry lubricant due to their spherical shape and they give a soft and mattifying application. In colour care emulsions, **NYLONPOLY® COLOUR** are used to give a mattifying effect and to enhance the texture and application properties of the emulsions.

Formulating

NYLONPOLY® COLOUR are compatible with all binder systems and they mix easily with other pigments and organic colours.

Emulsions

NYLONPOLY® COLOUR disperse easiest in oil phase, but they can be also dispersed in water phase or in the emulsion. If added after the emulsification, more mixing is required.

Powder Applications

NYLONPOLY® COLOUR should be added to the powder base before addition of binders or other pigments.

Anhydrous Systems

In lipsticks, **NYLONPOLY® COLOUR** are added and mixed in the hot lipstick base. In other anhydrous systems such as lipglosses, the ingredients can be mixed together in hot or cold process depending on what the other ingredients require.

Packaging

25kg sealed aluminium bag in cardboard box.