

BEAUTÉ BY ROQUETTE® PO 260



COSMOS
APPROVED

Beauté by Roquette® PO 260 is a natural ingredient derived from starch with moisture preserving properties. Beauté by Roquette® PO 260 is a white crystalline powder suitable for a wide range of cosmetic applications.

As a powder ingredient, Beauté by Roquette® PO 260 also helps stabilize actives in the final product.

BENEFITS AT A GLANCE:

- Actives carrier and stabilizer
- Humectant and moisturizer
- Opacifier and Mild scrubbing agent
- Anti-caking agent
- Freeze-drying agent

INCI NAME:

Mannitol

PHYSICAL ASPECT:

White or off-white crystals or powder

ORIGIN:

Corn/wheat starch

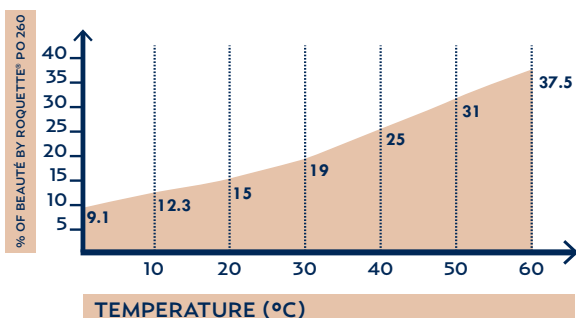
SPECIFIC FEATURES:

- Excellent chemical stability
- Non-cariogenic

SOLUBILITY IN WATER

Beauté by Roquette® PO 260 is soluble in water (15% at 20%), sparingly soluble in 95% ethanol (1.2%) and practically insoluble in ether.

BEAUTÉ BY ROQUETTE® PO 260 SOLUBILITY IN WATER



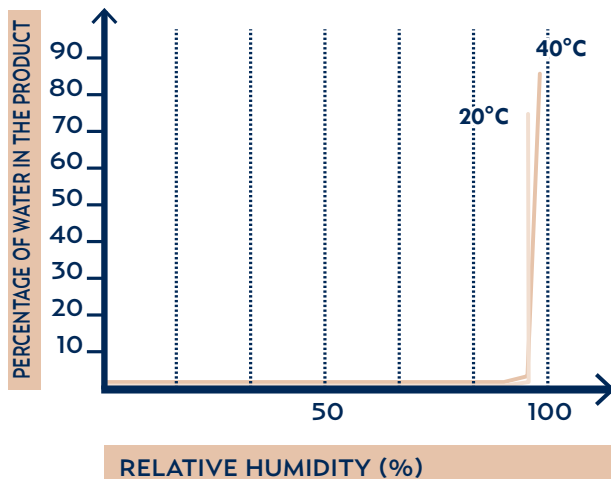
SOLUBILITY IN SOLVENTS

Beauté by Roquette® PO 260 is soluble in different solvents at 20°C.

	SOLUBILITY IN %
WATER (20°C)	15.4
ETHANOL (95%)	1.2
ETHER	PRACTICALLY INSOLUBLE
GLYCERIN	5.3
PROPANOL-2	1.0
ALKALIS	SOLUBLE

HYGROSCOPICITY

SORPTION ISOTHERMS



RECOMMENDED APPLICATIONS:

Skin care, Colour cosmetics, Oral care

RECOMMENDED USE LEVELS:

2 to 90%

pH OF USE:

3 - 10

APPLICATION GUIDELINES:

Incorporate into the water phase

FORMULATION EXAMPLE:

BUTTER LIPS SCRUB

Due to its chemical properties and its very high purity, Beauté by Roquette® PO 260 is non-hygroscopic.

Beauté by Roquette® PO 260 takes up water only above relative humidities of 92% at 20°C and 40°C.

ECOLOGICAL PROFILE:

Derived from 100% vegetable feedstock
ISO 16128 Ino* = 1

Readily biodegradable (OECD 301)



* Natural Origin index = Number of natural carbon atoms/Total number of carbon atoms (natural 14 & non natural)

REGULATORY STATUS:

Conform to:

Europe - European Cosmetic Regulation
1223/2009 and its amendments

USA - FD&C Act – 21 CFR 700 to 740

China - Hygienic Standard for Cosmetics: listed
IECIC 2015

Japan - Regulation for cosmetics

Non exhaustive list of countries, please contact us for additional information.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	%
PHASE A	Jojoba Oil	Jojoba oil (Cooper)	14,50
	Caprylic/Capric Triglyceride	Labrafac CC (Gattefossé)	12.00
	Tocopherol (and) Beta-sitosterol (and) Squalene	Tocobiol C (Quimica Masso)	0.50
	Cera alba	Beeswax (Cooper)	14.00
	Butyrospermum parkii	Shea butter (Cooper)	25.00
	Mannitol	Beauté by Roquette® PO 260 (Roquette)	20.00
PHASE B	Cyclodextrin	Beauté by Roquette® CD 102 (Roquette)	6.00
	Aluminium octenyl succinate starch	Beauté by Roquette® ST 012 (Roquette)	8.00

PROCESS

- 1/ Mix phase A and heat up to 75°C, under gentle agitation.
- 2/ Allow to cool down to 50°C and add phase B.
- 3/ Allow to cool down to room temperature (20-25°C) while stirring gently.

FORMULATION SPECIFICATIONS

ASPECT	SOFT BUTTER
pH	NA
VISCOSITY	NA
STABILITY	1 MONTH AT 50°C AND 3 MONTHS AT ROOM TEMPERATURE AND 40°C