



TECHNICAL DATA



Poly-Pore® 320RO Rosemary Extract Delivery System

Description: A multi-functional delivery system useful in a wide variety of cosmetic and personal care products and formulations. Supplied as a free flowing white powder, Poly-Pore® 320RO contains no preservatives or surfactants.

Improve Formulation Simplicity and Elegance

Poly-Pore 320RO contains a 20 % loading of Rosemary Extract, inside the matrix of the Poly-Pore polymer. Because of the unique multifunctional characteristics of the system, PP320RO disperses easily in formulation.

Controlled Delivery of Functional Ingredients

The matrix of the Poly-Pore delivery system provides a ready "reservoir" for active ingredients. The release of these ingredients occurs through a combination of friction and diffusion, providing a substantially slowed release of the active. The slowing of the release of Rosemary Extract provides material available for extended effectiveness.

Typical Properties

Composition:	Allyl Methacrylates Crosspolymer (and) Rosemarinus Officinalis (Rosemary) Leaf Oil
Appearance:	White, free flowing powder
Rosemary Oil:	20 ± 2.0%

Benefits

- ❖ Enables, simple, solvent free, alcohol free incorporation of Rosemary Extract in all types of personal care products, including gels, emulsions, creams, and loose and pressed powders.
- ❖ Extended release of Rosemary Extract results in long-lasting availability at the site of action
- ❖ Provides sebum control reducing shine and extending wear in color cosmetics

Typical Applications

- Facial treatments and skin care products including gels, emulsions, and anhydrous products
- Make-ups and Foundations incorporating skin-care benefits
- Daily use moisturizers and lotions
- Exfoliating gels and treatments
- Loose and pressed powders

Storage Recommendations and Shelf-Life: Storage under normal warehouse conditions, ranging from 40 – 100 F, in a tightly sealed drum.