Health & Beauty Solutions

TECHNICAL DATA

# Poly-Pore 320XA

Ximenynic Acid Delivery System

Technical Data Sheet

**Description:** A multi-functional delivery system designed to improve the stability of ximenynic acid. PP320XA is a white to pale yellow free flowing powder that can be readily dispersed in gels, emulsions, and powders, minimizing the discoloration problems common with many retinol products.

The botanical name of Ximenynic Acid is Santalum album (Latin name for sandalwood extract). Ximenynic Acid can has both antioxidant and anti inflammatory properties. Santalum Album is known to have has antimicrobial properties. It is used in aromatherapy and to prepare soaps. Due to this antimicrobial activity, it can be used to clear skin from blackheads and spots.

| Typical Properties | |
|---|---|
| **Composition:** | **Allyl Methacrylate Crosspolymer, Santalum Album Seed Extract, Glycine Soja, hydrogenated Cottonseed oil** |
| **Appearance:** | **White to pale yellow powder** |
| **Ximenynic Acid Level:** | **20 % ± 2.0%** |

***Stabilize and Protect***

PP 320XA isolates Ximenynic Acid deep within the core of the Poly-Pore matrix, helping to minimize exposure to light and oxygen.

***Controlled Delivery of Functional Ingredients***

The matrix of the Poly-Pore delivery system provides a ready "reservoir" for the active. 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 these actives enables its use at efficacious levels with minimum irritation.

**Benefits**

- Extended release results in reduced irritation and long-lasting availability at the site of action
- Provides sebum control

**Typical Applications**

- Make-ups and Foundations incorporating skin-care benefits
- Daily use moisturizers and lotions
- Soaps and facial cleansers, body masks

**Storage Conditions**: Store in unopened container under refrigerated conditions



Delivery Systems DS

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