



## **Poly-Pore® 120RE**

### **Fundamentals for Use of a Retinol Product**

- Poly-Pore® 120RE is a polymeric microparticle delivery system. It is an inert carrier that protects and stabilizes the Retinol in formulation releasing it on the skin via a combination of diffusion and friction upon application.
- Poly-Pore® 120RE can be added to a wide variety of formulation types including emulsions (o/w and w/o) and gels (aqueous and nonaqueous).
- Our Poly-Pore® delivery system will not dissolve when placed in the formulation therefore it is not possible to make clear products.
- Poly-Pore® 120RE can be dispersed and used in lipstick and other hot pour applications
- For optimum results add Poly-Pore® 120RE after batch is uniform, during the cool down phase (40 °C or below)
- During manufacturing and packaging avoid exposure to light and oxygen by handling under yellow light and nitrogen purge.
- Store refrigerated (between -1C° and 4 °C) in unopened original packaging.
- Once container is opened it is best to use immediately. If this is not possible, we recommend you nitrogen purge the packaging and tightly seal before refrigerating and use as soon as possible. Storage of unsealed packaging is not recommended.
- We recommend final product packaging be light and air impermeable.
- The Poly-Pore® microparticle delivery system particle size is greater than 1 micron and therefore this product contains no nanoparticles.