

PolyBlend Rx™

Suppository Base

PolyBlend Rx™ is an anhydrous granular form pharmaceutical base for use in the preparation of suppositories when a water-soluble or water-miscible base is preferred. Consists of varying molecular weight polyethylene glycols, a suspending agent, and functional emulsifiers that help with dispersibility and bioavailability of hydrophobic actives. Due to the specific polyethylene glycols used in this proprietary blend, it exhibits excellent stability at room temperature. Melting point: 50.0 to 60.0°C (122 to 140°F). Releases active pharmaceutical ingredients by dissolving rather than melting, providing an extended disintegration time. Recommended for vaginal and rectal suppositories with a long history of use in pharmaceutical applications worldwide. Exhibits excellent mold release characteristics -mold lubrication is not required. Ingredients meet the requirements of USP-NF.

SKU	Size	NDC/Reference No.
B0060-50	500 g	72467-0060-50
B0060-60	2.5 kg	72467-0060-60
B0060-70	10 kg	72467-0060-70
B0060-73	20 kg	72467-0060-73

Properties:

Test	Specification
Melting Point	50.0 to 60.0 °C
Specific Gravity	1.177 at 24 °C

Category	Suppository Base
Appearance	Mild odor to odorless white solid hard fat
Description	PolyBlend Rx™ is an anhydrous granular form base for use in suppository type preparations when a water-soluble or water-miscible extended API release base is preferred. Recommended for vaginal and rectal drug delivery suppositories. Mold lubrication is not necessary. PolyBlend Rx™ has excellent mold release characteristics.
Ingredients	The product is a manufactured mixture of polyethylene glycols, silica (suspending agent), and an emulsifier.
Allergy	Per the 2004 Food Allergen Labeling and Consumer Protection Act, no allergen declarations are required for this product as relating to milk, egg, tree nut, fish, crustacean shellfish, wheat, peanuts, corn, and soy-beans.
Technical Data	<p>This product is a pharmaceutical ingredient. It is recommended for use in pharmaceutical formulations administered by rectal/vaginal routes. This ingredient must be used according to appropriate regulations. PolyBlend Rx™ is very heat stable up to 93°C (200°F) without affecting chemical properties. SpecializedRx accepts no responsibility for the use of this product in applications other than those recommended.</p> <p>SOLUBILITIES AT 20°C</p> <p>- Water: soluble</p>
Safety Data	For information on the toxicology and safety of this product, please consult the material safety data sheet (MSDS).
Handling & Storage	<p>Store the product in its original packaging sealed tightly, protected from light and moisture.</p> <p>Store at a temperature less than or equal to 30 °C.</p> <p>During storage at high temperature (>40°C), there is a risk of agglomeration.</p> <p>Do not store in polystyrene containers.</p>
Comments	SpecializedRx makes no warranties or claims to the accuracy or completeness of the above information given the variations in use and formulations.