

KOLARY™ PEG-3350 Polyethylene Glycol

INTRODUCTION

KOLARY™ PEG 3350 is a polyethylene glycol with an average molecular weight of approximately 3350. It is a non-ionic, water-soluble polymer supplied as a white waxy flake. It is widely used as a base material, dispersant, lubricant, plasticizer, and processing aid across pharmaceutical, textile, coating, rubber, and personal care industries.

CAS NUMBER

25322-68-3

EINECS NUMBER

640-029-1

PHYSICAL PROPERTIES

Appearance	White flake
Molecular weight	3000-3700
pH value (1% aqueous solution)	5.0-7.0
OH Value (mg KOH/g)	30.5-36.5
APHA	Max. 50
Moisture (%)	Max. 0.5

Typical values are not intended for specification purposes.

BENEFITS & APPLICATIONS

KOLARY™ PEG 3350 can be used across pharmaceutical, personal care, coating, textile, rubber, and adhesive industries.

In pharmaceutical applications, it can be used as an active ingredient for laxative and colonic lavage formulations, and can be used as an excipient in ointments, creams, tablet binders, and coating systems.

In industrial applications, it can be used as a dispersant, dye carrier, lubricant, and plasticizer. In coatings, it can be used as a dispersant and flexibility modifier to improve resin water dispersibility and flexibility. In rubber processing, it can be used as a dispersant for carbon black and fillers and can be used to promote vulcanization. In paper and metal processing, it can be used as a lubricant. It can also be used in hot-melt adhesive formulations and as a chemical intermediate.

HANDLING & STORAGE

KOLARY™ PEG 3350 should be stored in tightly closed containers in a cool,

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dry, and well-ventilated area. Protect from excessive moisture and contamination. In the unopened original packing, KOLARY™ PEG-3350 has a shelf life of 24 months in a dry and cool place.

Storage beyond the date does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

For more detailed information please refer to the material safety data sheet.

PACKING

KOLARY™ PEG-3350 is supplied in 25 kg Bags.

NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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