KOBOND™ 9026 Polyamide Wax Rheology Additive

INTRODUCTION

KOBOND™ 9026 is a micronized, specially modified polyamide wax rheology modifier designed for high-temperature processing of silyl-terminated polyether (STPE/MS polymer) sealants and other adhesive systems. Upon heat activation, it develops a thixotropic structure that provides effective thickening, sag resistance and anti-settling performance.

BENEFITS / EFFECTS

- Provides effective thixotropy.
- Improves sag resistance.
- Helps prevent settling.
- Provides efficient thickening.
- Offers good storage stability.

PHYSICAL PROPERTIES

Appearance	White or pale-yellow powder
Acid Value (mg KOH/g)	Max. 7.0
Amine Value (mg KOH/g)	Max. 7.0
Density (23°C, g/cm^3)	0.98
Melting Point (°C)	120-125
Particle Size (Dv50, μm)	Max. 8.0
Particle Size (Dv98, μm)	Max. 20.0
Bulk Density, g/cm^3	0.4-0.6

These values are typical and are not intended for use as specifications.

APPLICATIONS

KOBOND™ 9026 is recommended for silyl-terminated polyether (STPE/MS polymer) sealants and other adhesive systems requiring heat-activated thixotropy, sag resistance and anti-settling performance.

USAGE GUIDELINES

KOBOND™ 9026 is suitable for high-temperature processing of MS polymer sealants. Add it together with the resin, fillers and plasticizers to the mixing vessel, apply vacuum and disperse thoroughly. An activation temperature of 90-110°C and an activation time of at least 30 minutes are recommended.

Recommended addition level: 0.5-4.0 wt%

The optimum addition level and processing conditions depend on the

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formulation, processing equipment and required rheological profile. Preliminary laboratory trials are recommended.

PACKING

KOBOND™ 9026 is supplied in 20 Kg bag.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

When stored at temperatures between 5°C and 35°C, in the original unopened containers and protected from direct sunlight, KOBOND™ 9026 has a shelf life of 36 months from the date of manufacture.

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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