



INNOVALT®

XL200, XL400, XL500

INNOVALT® XL products are liquid inorganic polymer modifiers of varying viscosities designed to enhance the performance of polymer modified asphalt.

Application of INNOVALT® XL

The INNOVALT® series of modifiers are designed to improve rutting, stripping, and cracking resistance properties when used in asphalt pavement.

The innovative combination of **INNOVALT® XL** modifiers and various organic polymers in conjunction with sulfur based crosslinkers provides multiple asphalt performance grade (PG) improvements when high elasticity of the binder is required.

The **INNOVALT® XL** asphalt modifier in this package is understood by Innophos Inc. (Innophos) to be intended for use by the purchaser in making modified asphalt compositions which are covered under the following patents or patent applications: 5,618,862, and any patents or patent applications claiming priority from the French patent N° 2,718,747 filed on April 18, 1994; U.S. Patent No. 5,880,185, and any patents or patent applications claiming priority from the French patent N° 2,739,863 filed on October 16, 1995, U.S. Patent N°. 6,011,095, and any patents or patent applications claiming priority from the French patent N° 2,748,488, filed on May 10, 1996, any patent deriving from the International Application Number PCT/US2005/035146 and U.S. patent application Serial No. 11/809,086 (the "Licensed Patents"). By purchasing this asphalt modifier from Innophos, you have acquired a sublicense under the Licensed Patents to use the purchased asphalt modifier to make the modified asphalt compositions and/or to practice the processes claimed in the Licensed Patents, together with the right to use and sell the modified asphalt compositions so made.

Asphalt applications including roofing, sealing and coating may also benefit from the use of INNOVALT® products.

Solubility

Miscible with liquid asphalt

*INNOVALT® XL400 and XL500 will not freeze. Material becomes extremely viscous at temperatures below 50 degrees C.

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Packaging

INNOVALT® XL is available in the following options:

15-gallon drums (56.7 l)

55-gallon drums (207.9 l)

With corresponding weight

INNOVALT®	XL200	XL400	XL500
15 gallons	225 lbs (102.1kg)	250 lbs (113.4kg)	250 lbs (113.4kg)
55 gallons	800 lbs (362.9kg)	900 lbs (408.2kg)	900 lbs (408.2kg)

Bulk

Other containers on request.

For further information, please contact Technical Service (details below) or Customer Service at 800-243-5052 or +1 609-366-1271.

Manufacturing Location: Nashville, TN

Storage

SEE MSDS

Ref: INNOVALT® XL200

INNOVALT® XL400

INNOVALT® XL500

It is recommended that INNOVALT® E be stored in dry conditions.

Health and Safety Information

SEE MSDS

Ref: INNOVALT® XL200

INNOVALT® XL400

INNOVALT® XL500

INNOVALT® XL should be handled as a strong mineral acid. It is not flammable. Appropriate personal protective equipment, e.g. rubber gloves, apron, and chemical safety goggles, should be worn when handling this product.

Additional handling and corrosion information is available on request from Technical Service.

INNOVALT® is a registered trademark held by Innophos Inc.

The information contained in this document is, to the best of Innophos' knowledge and belief, correct based on general industrial experience. Customers must satisfy themselves that the product is suitable for their purposes and conditions of use and that their facilities are suitable for handling or using the product. Accordingly, Innophos disclaims any liability for loss, injury or damage which may result from the use of the product, or from the information contained in this brochure, save as may be expressly agree under its terms of sale. Customer must take account of the product label and any associated material safety data sheet and are reminded that there may be uses or applications for the product which are protected by Innophos' or third parties' patent rights and nothing herein may be construed as an authority to use or apply the product in contravention of such rights.

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