

# INTRODUCING NEW **INNOVALT<sup>®</sup> XL** ASPHALT MODIFIERS

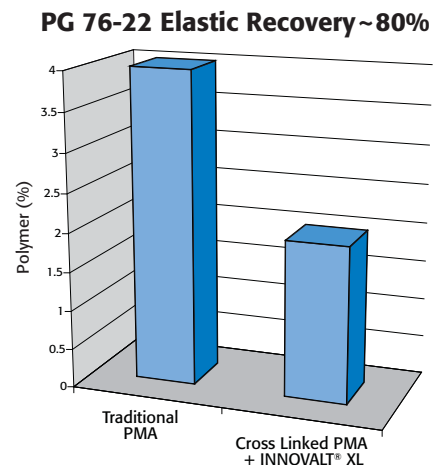


## **INNOVALT<sup>®</sup> XL** **Cross Linked PMA Excellence**

- ◆ Improves stability of PMA
- ◆ Improves elasticity of PMA
- ◆ Reduces polymer content
- ◆ Improves polymer compatibility
- ◆ Improves moisture resistance



**INNOVALT<sup>®</sup> XL**  
Polymer Cross Linked  
PPA Modified Asphalt\*





# INNOVALT® Asphalt Additives

- ◆ Reduces Rutting
- ◆ Improves Moisture Resistance

- ◆ High Durability
- ◆ Less Thermal Cracking
- ◆ Less Fatigue Cracking

- ◆ Polymer Compatible
- ◆ Environmentally Friendly
- ◆ Economic Advantage



## INNOVALT® XL

Polymer Cross Linked PPA Modified Asphalt\*

## INNOVALT® N

Chemically Modified Asphalt

## INNOVALT® E

Polymer Modified Asphalt\*

## INNOVALT® R

Crumb Rubber Modified Asphalt\*

## INNOVALT® W

Adhesion Promoter

## INNOVALT® T

Emulsifier for High Performance Asphalt\*



### North America

Innophos, Inc.

259 Prospect Plains Road ◆ Cranbury, New Jersey  
P.O. Box 8000, 08512-8000 USA

Tel: (609) 495-2495 or (800) 243-5052

Fax: (609) 860-8433

Innophos, Inc. ◆ 3265 Wolfedale Road,  
Mississauga, Ontario, Canada, L5C 1V8

Tel: (905) 270-9328 or (800) 465-9035

Fax: (905) 566-9778

### México:

Tel: +52 55 5322 4800 ◆ Fax: +52 55 5322 4896

**Latin America:** Call customer service:

(609) 366-1270 or (800) 243-5052

**Europe:** Call customer service:

(609) 366-1271 or (800) 243-5052

**Asia:** Call customer service: (609) 366-1271

**Questions? Call Technical Assistance**

**at (609) 495-2484 or (866) 631-7394**

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**Inside U.S.: (800) 243-5052**

**Outside U.S.: (609) 366-1270 or (609) 366-1271**

**For more information, visit [Innophos.com](http://Innophos.com) or [INNOVALT.com](http://INNOVALT.com).**



\*Purchase of these products confers the right to practice these applications under the following patents. Patent numbers:

XL – WO971475, WO9743342, US patent application

Serial No. 11/809,086, International Application WO2006047044,

E – WO98/4404, R – WO2004081098, T – 9934200071.

**Innophos is affiliated with the following asphalt associations:**

Asphalt Institute, Association of Modified Asphalt Producers,  
Asphalt Emulsion Manufacturers Association,  
and Canadian Technical Asphalt Association.

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