



Diamine[®] HBG Pellets

Active adhesion agent in solid (pellet) form for hot bitumen, cut back bitumen, and soft bitumen for use in surface dressing (chipseal), and cold and warm mixes

Benefits and features

- Active adhesion**
 Treated bitumen has the ability to displace water and finds use in spray applications whenever the aggregate could be wet, or in mix operations at lower temperatures
- Easy to use**
 The pellet form of the product means it is easy to add by hand in the field. The product retains its flow properties at low temperatures, and spills are easy to clean up

Storage and handling

Bags of Diamine HBG Pellets should be stored in a cool dry place out of direct sunlight. Do not stack pallets. Diamine HBG Pellets contains amines and may cause severe irritation or burns to skin and eyes. Protective gloves and safety goggles must be used when handling this product. For further information consult the Safety Data Sheet.

Packaging information

Diamine HBG Pellets is available in sacks 10 kg (22 lbs) net weight, palletized 56 bags 560 kg (1234 lbs) net weight.

Dosage

Chipseal	0.5-1.0%	basis binder
Cold and warm mixes	0.3-1.0%	basis binder

Based on cutback or soft bitumen

Specification

Color, gardner	<8	SC 2.001
Iodine value, gl ₂ /100g	<10	VV 1.002
Total amine number, mg HCl/g	140-155	VV 4.001
Water, %	<1	VV4.003

Physical properties

Appearance at 20°C	solid (pellet)
Flash point, °C	>100 (>212°F)
Pour point, °C	45 (113°F)

Density, g/cc at 60°C (140°F)	0.82
Density, lbs/U.S. gal at 60°C (140°F)	6.84

Physical properties are typical data based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

Contact us directly for detailed product information and sample request
website | nouryon.com/markets/asphalt
email | asphalt@nouryon.com

Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

All information concerning our products and/or all suggestions for handling and use contained herein (including formulation and toxicity information) are offered in good faith and are believed to be reliable. However, Nouryon makes no warranty express or implied (i) as to the accuracy or sufficiency of such information and/or suggestions, (ii) as to any product's merchantability or fitness for a particular use or (iii) that any suggested use (including use in any formulation) will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. The user must determine for itself by preliminary tests or otherwise the suitability of any product and of any information contained herein (including but not limited to formulation and toxicity information) for the user's purpose. The safety of any formulations described herein has not been established. The suitability and safety of a formulation should be confirmed in all respects by the user prior to use. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

Products mentioned are trademarks of Nouryon and registered in many countries.

nouryon.com