

Redicote[®] RM007

Emulsifier for Rapid and Medium Setting Cationic Bitumen Emulsions

Benefits and features

- Higher emulsion viscosity:**
 Redicote RM007 is particularly effective for the production of emulsions with higher viscosity and/or lower binder content
- Easy to use:**
 Redicote RM007 is a liquid emulsifier that is easy to disperse in water. It is, therefore, suitable for use in emulsion plants with in-line preparation of the soap solution or batch plants.
- Low use level:**
 Redicote RM007 is a 100% active product based on efficient emulsifiers so effective at low dosage
- Fast breaking:**
 Emulsions prepared with Redicote RM007 show fast breaking in the field even at low temperatures

Dosage

| | on emulsion | soap pH |
|----------------|-------------|---------|
| Rapid setting | 0.17-0.30% | 1.5-3.5 |
| Medium setting | 0.30-0.60% | 1.5-3.5 |

Hydrochloric acid should be used to adjust pH

Specification

| | | |
|------------------------------|---------|----------|
| Total amine number, mg HCl/g | 125-135 | AB46-234 |
|------------------------------|---------|----------|

Physical properties

| | |
|---------------------------|----------------------|
| Appearance at 25°C (77°F) | yellow to red liquid |
| Flash point, °C | >100 (>212°F) |
| Pour point, °C | <5 (<41°F) |

Storage and handling

Redicote RM007 may be stored in carbon steel tanks. Redicote RM007 contains amines and is corrosive to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Safety Data Sheet.

Packaging information

Redicote RM007 is delivered in steel drums (185 kg net), in intermediate bulk containers (950 kg net) or in bulk.

| | 0 | 10 | 20 | °C |
|-----------------------|------|-----|-----|------|
| | 32 | 50 | 68 | °F |
| Density, g/cc | | | | 0.92 |
| Density, lbs/U.S. gal | | | | 7.66 |
| Viscosity, mPa s (cP) | 2560 | 620 | 440 | |

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

For more information and sample formulations contact us at asphalt@nouryon.com.

USA and Canada

Chicago, USA
T +1 800 906 9977

South America

Itupeva, Brazil
T +55 11 4591 8938

**Central America
and Caribbean**

Mexico City, Mexico
T +52 55 5261 7895

China

Shanghai, China
T +86 21 2220 5000

South East Asia

Singapore
T +65 6635 5183

India

Mumbai, India
T +91 22 6842 6700

Europe

Stenungsund, Sweden
T +46 303 850 00

Middle East

Dubai, United Arab Emirates
T +971 4247 1500

Russia

Moscow, Russia
T +7 495 766 1606

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We operate in over 80 countries around the world and our portfolio of industry-leading brands includes Eka, Dissolvine, Trigonox, and Berol.

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