

AkzoNobel Surface Chemistry

Redicote[®] E-4900

100% Active high viscosity building liquid Cationic Rapid Set (CRS) emulsifier

AkzoNobel 



Redicote® E-4900

100% Active high viscosity building liquid Cationic Rapid Set (CRS) emulsifier that gives high quality emulsions at low emulsifier dosage

High viscosity Cationic Rapid Set (CRS) emulsions

Redicote E-4900 saves binder costs by enabling our customers to meet their CRS viscosity requirements with the minimum binder content.

Fine particle size distribution at low emulsifier dosage

Redicote E-4900 gives fine particle size in the CRS emulsion with a typical median particle size below 4 microns at emulsifier dosages between 0.15-0.25% by weight of emulsion.

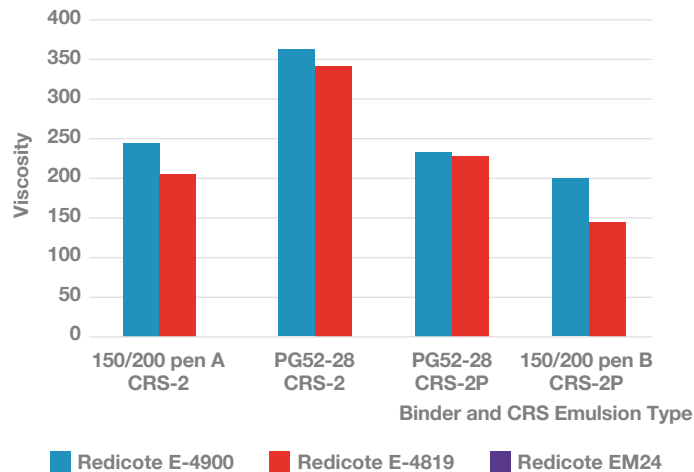
100% Active product that remains a low viscosity liquid down to 5°C

Redicote E-4900 is easy to handle as it is a low viscosity liquid. It easily disperses in the soap solution which is convenient during soap solution preparation. Redicote E-4900 is also well suited to meter in during an inline-continuous emulsion plant operation.

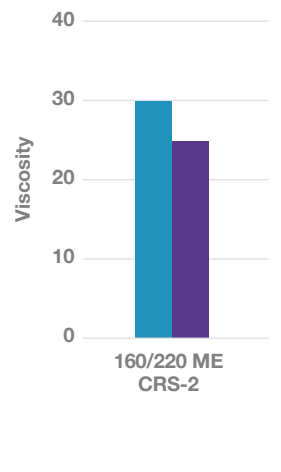


CRS-2 Emulsion Viscosity: Redicote E-4900 gives high CRS-2 and CRS-2P emulsion viscosity, comparable to that with Redicote E-4819, even higher than Redicote EM24 which are widely used emulsifiers giving high viscosity.

CRS-2 Emulsion Viscosity

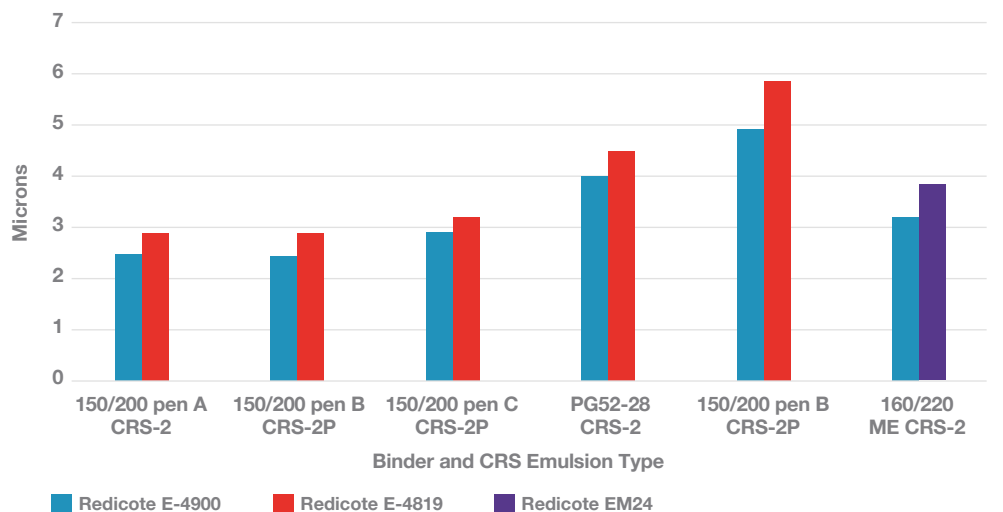


CRS-2 Emulsion Viscosity



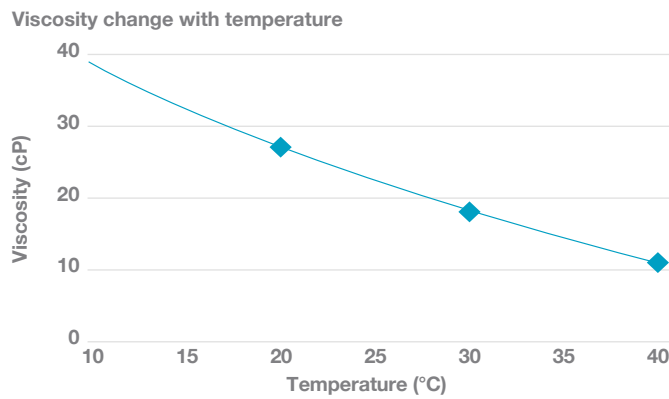
Particle Size: Redicote E-4900 gives smaller particle size compared to other CRS-2 emulsifiers that will enhance emulsion storage and transportation stability.

CRS-2 Emulsion Median Particle Size microns

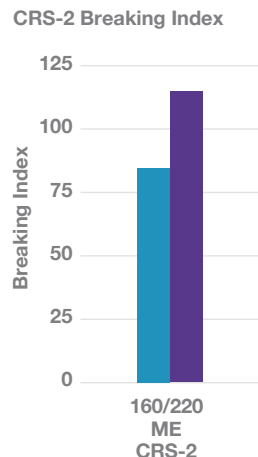
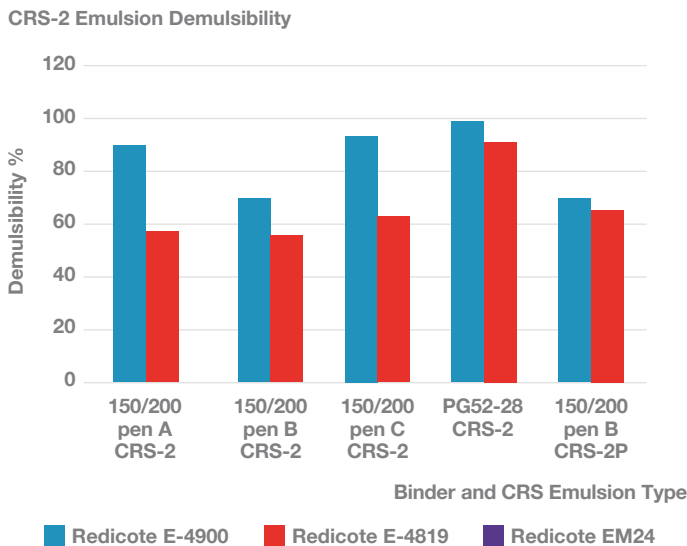


Adhesion: Redicote E-4900 also gives good adhesion comparable to other emulsifiers such as Redicote EM24.

Pour Point and Viscosity: Redicote E-4900 has a pour point of 3°C and is a low viscosity liquid at temperatures above 5°C.



Demulsibility and Breaking Index: Redicote E-4900 gives higher demulsibility compared to Redicote E-4819 and lower breaking index compared to Redicote EM24, which should promote faster break in Surface dressing/Chip seal applications.



Redicote E-4900 is suitable for all CRS emulsions including latex modified or emulsions made with polymer modified binders (PMB).

For Samples and Additional Info Contact Us

Email: asphalt@akzonobel.com
 Phone: Please see back cover to contact your local AkzoNobel Representative.



Redicote® E-4900

- Builds high viscosity in Cationic Rapid Set (CRS) emulsion
- Gives fine particle size distribution at low emulsifier dosage
- Is a 100% active, low viscosity liquid down to 5°C
- Gives higher demulsibility, lower breaking index and good adhesion
- Suitable for all CRS including latex modified or emulsions made with PMB

For Samples and Additional Info Contact Us

Email: asphalt@akzonobel.com

Web: www.akzonobel.com/asphalt



www.akzonobel.com/asphalt

AkzoNobel is a leading global paints and coatings company and a major producer of specialty chemicals. Calling on centuries of expertise, we supply industries and consumers worldwide with innovative products and sustainable technologies designed to meet the growing demands of our fast-changing planet. Headquartered in Amsterdam, the Netherlands, we have approximately 46,000 people in around 80 countries, while our portfolio includes well-known brands such as Dulux, Sikkens, International, Interpon and Eka. Consistently ranked as one of the leaders in the area of sustainability, we are committed to making life more liveable and our cities more human.

© 2016 Akzo Nobel N.V. All rights reserved.

Europe & Africa

Akzo Nobel Surface Chemistry AB
Asphalt Applications
Stenunge Allé 3
SE-444 85 Stenungsund
Sweden
T +46 303 850 00
F +46 303 889 10
E asphalt@akzonobel.com

India

Akzo Nobel India Limited
Surface Chemistry
1/1 TTC Industrial Area
Thane Belapur Road
Koparkhairane - Navi Mumbai - 400710
Maharashtra - India
T +91 22 27780000
F +91 22 27780054

Middle East

Akzo Nobel Middle East FZE
P.O. Box 262203,
FZS2AC09/AC10
Jebel Ali Free Zone South(02)
Dubai - United Arab Emirates
T +971 4 399 0417
F +971 4 347 2339

China

Akzo Nobel Chemicals (Boxing) Co. Ltd.
22F, Eco City, No. 1788
West Nanjing Road
Jing'an District
Shanghai 200040
P.R. China
T +86 21 22163600*2501
F +86 21 33607734

Southeast Asia

Akzo Nobel Surface Chemistry Pte Ltd
AkzoNobel House
3 Changi Business Park Vista #05-01
Singapore 486051
T +65 6635 5188
F +65 6635 5327

USA and Canada

Akzo Nobel Surface Chemistry LLC
525 West Van Buren Street
Chicago, IL 60607-3835
USA
T +1 312 544 7000
F +1 312 544 7320
E asphalt@akzonobel.com

South America

Akzo Nobel Ltda – Divisao Quimica
Rodovia AkzoNobel 707
Bairro São Roque da Chave
Itupeva, São Paulo 13295-000
Brasil
T +55 11 4591 8938
CEP 13295-000

Mexico, Central America and Caribbean

Akzo Nobel Chemicals SA de CV
Av. Morelos No. 49
Col. Tecamachalco
CP 56500 Los Reyes la Paz, Edo.
de Mexico
T +52 55 5858 0756
F +52 55 5858 0703