



Redicote[®] E-4900

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

Nouryon

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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.

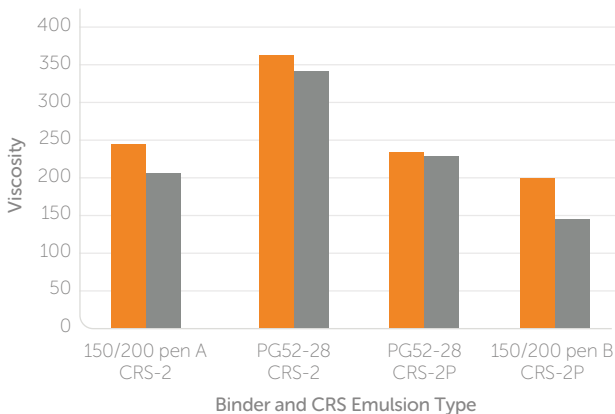
100% active product that remains a low viscosity liquid down to 5°C

Redicote E-4900 is easy to handle as it is a low viscosity liquid. It readily dissolves at water temperatures above 104°F/40°C with good mixing. It is suitable for both batch and in-line emulsion plants under these conditions.

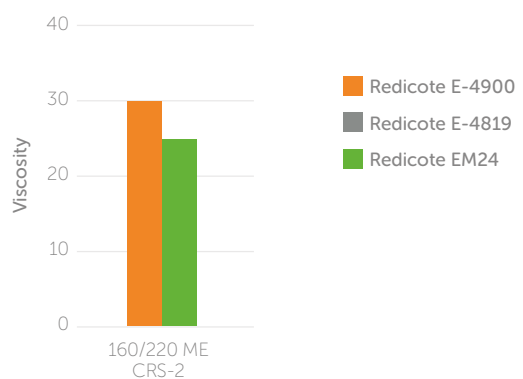


CRS-2 Emulsion Viscosity: Redicote E-4900 gives high CRS-2 and CRS-2P emulsion viscosity, comparable to that with Redicote E-4819, even higher than Redicote EM24 which are widely used emulsifiers giving high viscosity.

CRS-2 Emulsion Viscosity

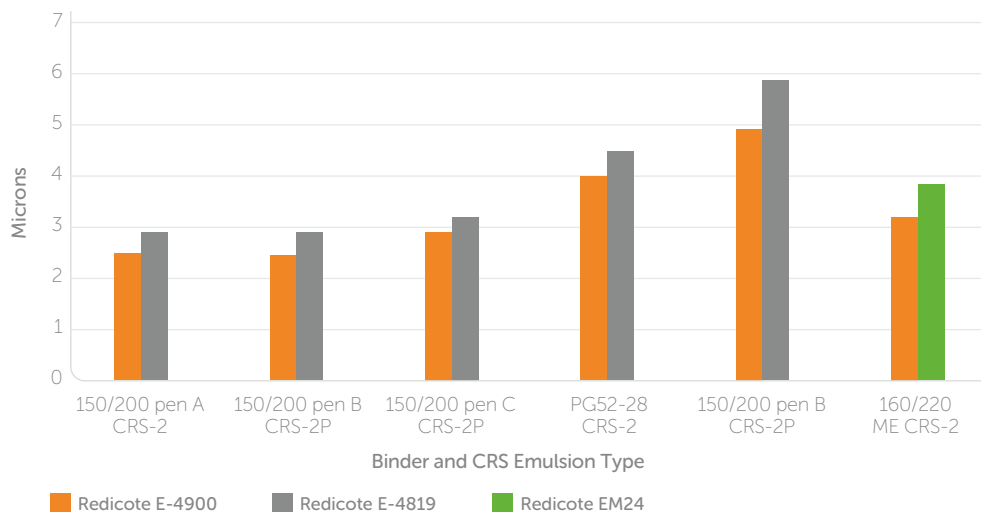


CRS-2 Emulsion Viscosity



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

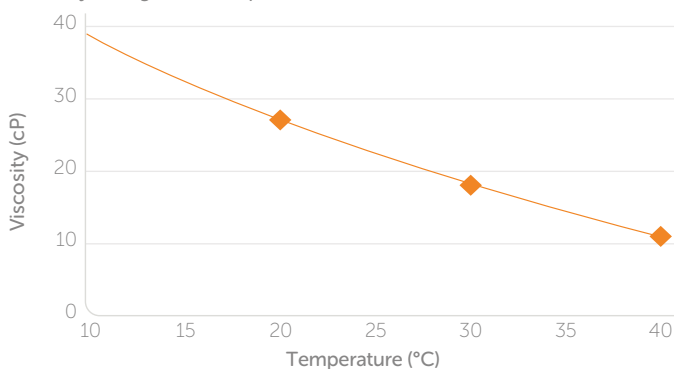


Adhesion: Redicote E-4900 also gives good adhesion comparable to other emulsifiers such as Redicote EM24

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.



Viscosity change with temperature



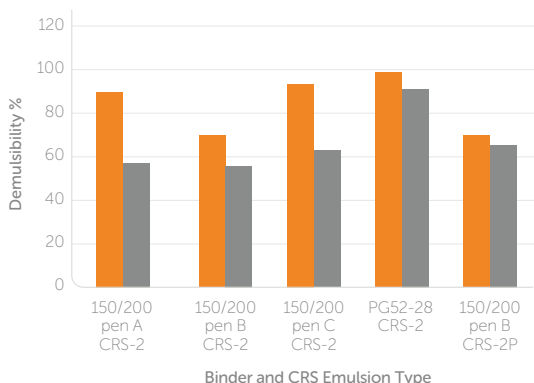
Redicote E-4900 is suitable for all CRS emulsions including latex modified or emulsions made with polymer modified binders (PMB).

Redicote E-4900

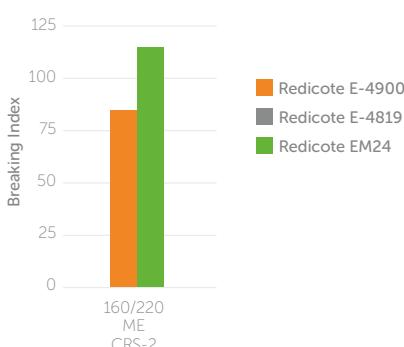
- Builds high viscosity in Cationic Rapid Set (CRS) emulsion
- Gives fine particle size distribution at low emulsifier dosage
- Is a 100% active, low viscosity liquid down to 5°C
- Gives higher demulsibility, lower breaking index and good adhesion
- Suitable for all CRS including latex modified or emulsions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

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/Chipseal applications.

CRS-2 Emulsion Demulsibility



CRS-2 Breaking Index



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We are a global specialty chemicals leader. Markets worldwide rely on our essential chemistry in the manufacture of everyday products such as fuels, plastics, coatings, asphalt, agrochemicals, personal care and lubricants items. Building on our nearly 400-year history, the dedication of our 10,000 employees, and our shared commitment to business growth, strong financial performance, safety, sustainability and innovation, we have established a world-class business and built strong partnerships with our customers. We operate in over 80 countries around the world and our portfolio industry-leading brands includes Redicote®, Rediset®, Wetfix®, and Kling® Beta.

For more information visit
surfacechemistry.nouryon.com/markets/asphalt

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