

**RoadChem™ 616® Anioinic Very High Solids SBR (Styrene Butadiene Rubber) Latex**



**VSS ASPHALT TECHNOLOGIES DATA SHEET VER: 1.0 --PRODUCT INFORMATION**

**DESCRIPTION:**

Anioinic very high solids SBR (Styrene Butadiene Rubber) latex..

**BENEFITS:**

- Very High Solids
- Highly compatible with filling systems for industrial applications
- Rapid strength builds up
- Improves aging
- Excellent adhesion
- Increases flexibility & ductility
- Improves crack resistance

**PHYSICAL PROPERTIES:**

**Appearance:** Milky white liquid

**Solids:** 70-72%

**Specific gravity:** 0.94 @ 78F (25C)

**Styrene content:** Bound styrene 24%,

**Residual Monomer:** 0.09% max

**Glass transition ( DSC):** -58C

**Storage life:** 12 months minimum (if stored correctly).

**Packaging:** Supplied in drums (200 kg) or in bulk.

**APPLICATION:**

**RoadChem™ 616®** may be post added to any emulsion but co milling by injection into the soap line prior to the mill. Must be pumped with a diaphragm, cavity or air pump to reduce shearing.

**RoadChem™ 616®** is a anioinic Styrene Butadiene Rubber latex. The latex contains 24% - 26% bound styrene.

**RoadChem™ 616®** may be used in road applications or in industrial applications requiring flexibility and good low and high temperature properties.

**PERFORMANCE:**

Typical effect on bitumen(100pen)

- Low temperature modulus reduced by up to 30%.
- Ductility increased up to 800%.
- Extension to break : 2000%.
- When used in concentrations as low as 2% may meet most specifications.

**SAFETY:**

A Material Safety Data Sheet is available for this product. Always read the safety data sheet for any chemical prior to use.

Valley Slurry Seal Company, PO Box 981330, West Sacramento, CA 95798, USA.  
Phone (916) 373-1500 Fax: (916) 373-1438 Email: [vss@slurry.com](mailto:vss@slurry.com)

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