



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

DESCRIPTION:

RoadChem™ 108® is a radial SBS block copolymer polymer designed to improve the rheological properties of asphalt. It has a wide range of compatibility with different asphalts made from different crudes and using different processing methods.

BENEFITS:

- Radial Block copolymer.
- Contains <10% diblock.
- Medium styrene, high modulus copolymer.
- Outstanding strtegeth.

TYPICAL PHYSICAL PROPERTIES:

Form: Free flowing porous pellet or powder(108P).

Styrene %: 30%

Diblock content: 10-12%

Density: 0.94 (ASTM D-792)

Tensile strength: 4000psi (ASTM D412)

Hardness Shore A: 71 (ASTM D-2240)

300% modulus: 650psi(ASTM D-412)

Elongation at Break %: 725 (ASTM D-412)

Storage Life: Indefinite in sealed 50 lb bags.

APPLICATION:

Blending: Roadchem™ 108 may be blended using conventional equipment , a high shear mill is required similar to Emultech® PMB blending plants.

TYPICAL FORMULATION: All formulations should be tested in the laboratory before use.

Asphalt should be checked for compatibility by making mixtures in the laboratory. VSS can assist with this process.

A typical formulation for a binder for high deformation resistance will contain 3-5% by weight Roadchem 108® blended with 80/100 pen or other asphalt.(e.g 30/40, 50/70, 180/220 or ANY other Grade)

The mix should be designed in accordance with good practice.

SAFETY:

Roadchem™ 108® is non hazardous. Refer to the MSDS for further information.

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