LIPATON™ SB 580C

LIPATON™ SB 580C is an aqueous high solids dispersion of a styrene-butadiene copolymer designed for bituminous applications. It is ideal for use as a polymer modifier in asphalt/bitumen emulsions for road repair.

LIPATON™ SB 580C has a cationic emulsifier system and is free from solvents, plasticizers and antioxidants.

For further information regarding this product please refer to:

Construction Synthomer

eMail: Construction@synthomer.com

Property	Typical Value	Unit	Method[1]
Solids Content	65	%	ISO 124
pH Value	4.5		ISO 976
Viscosity	1000	mPa·s	ISO 1652
Glass Transition Temperature (Tg)	- 51	°C	

[1] internal method based upon the specified norm

This is a temporary datasheet for the launch of this grade. The specification data are subject to be confirmed after the first regular productions.

Application Advice

LIPATON SB 580C is a cationic synthetic SBR latex, which owing to its exceptional high solids content and very low glass transition temperature is highly useful in the modification of cationic bitumen emulsions used in road maintenance. This modification broadens the plasticity range of appropriately modified bituminous sealing systems, particularly their low-temperature flexibility and heat resistance.

LIPATON SB 580C is protected against bacterial and fungal attack during storage. Finished products made using LIPATON SB 580C should be treated, as usual, with suitable biocides to ensure their preservation.

Shipping and Storage

LIPATON SB 580C is normally delivered in road tankers. Shipment in drums and 1,000 kg containers is also available. The storage temperature of the dispersion should not fall below + 5 °C and not exceed + 40 °C. In airtight, unopened, original drums or containers, and provided the storage conditions are met, the dispersion is stable for 6 months after delivery. However a slight drying of the surface, or some cream formation may naturally occur. It is therefore advisable that the dispersion, or compounds made from it, should be stirred, or mixed before use. The contents of drums or containers should be used as soon as possible after opening.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.

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