

Addovate® TX

Plastic Additives / PUR Additives

Description

Addovate® TX is an ionic emulsifier / stabilizer for the production of PUR ester flexible slabstock foam.

Chemical Composition

Preparation of sulfonated hydrocarbons.

Typical properties

Acid value:	6 - 8 mg (KOH)/g
Appearance:	brown liquid
Density at 20 °C:	approx. 0.99 g/cm ³
Viscosity at 25 °C:	250 - 450 mPa·s
Flash point:	> 100 °C
Pour point:	approx. - 3 °C
Refractive index:	1.473 - 1.483
Water content:	max. 1.0 %

Application Notes

PUR ester flexible slabstock foam:

In the production of PUR ester flexible slabstock foam Addovate® TX is used as an emulsifier. Addovate® TX is usually used in combination with Addovate® EM. With a combination of Addovate® TX / Addovate® EM good foaming control resulting in fine cell structure can be achieved.

The recommended amount is between 1.0 and 3.0 parts by weight Addovate® TX to 100 parts by weight polyester polyol. The following sequence of adding the individual components has proven effective when manufacturing the activator batch: water, catalyst(s), Addovate® EM, Addovate® TX. A clear, homogeneous mixture is produced.

Warning



When mixing with other emulsifiers or additives, it is advisable to carry out laboratory tests for compatibility, as incompatibilities may cause defects in the cellular structure.

Storage stability

Addovate® TX is to be stored in a cool and dry place. When Addovate® TX is stored in firmly closed original containers at 10 to 25 °C, a shelf-life of 12 months from manufacturing date can be expected. Exposure to higher temperatures should be avoided, particularly over long periods of time. In the colder season of the year it may occur that Addovate® TX becomes fully or partly crystalline during transport. In this case the product should be stored at a temperature between 20 - 25 °C where it will become liquid within 1 - 2 weeks. The contents have to be thoroughly homogenized before use. Addovate® TX is mildly hygroscopic. To prevent it from adsorbing water from the atmosphere, the container should always be resealed tightly after use.

Packing

Metal drums, contents 180 kg; Plastic container, contents 900 kg.

Handling & safety

Relevant safety data and references as well as possibly necessary warning labels are to be found in safety data sheet.

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