

EXAMER CPP EX 100

POLYMER POLYOL

Description

EXAMER CPP EX 100 is a polymer polyol, which improves the hardness of the slab foam when added in the manufacturing process of the slab polyurethane foam. Examer CPP EX 100 is an inert polyether polyol, grafted with a styrene-acrylonitrile (SAN) copolymer, having a solid content of $\approx 45\%$ by weight. Examer CPP EX 100 characterised with moderate viscosity is convenient to handle & easy to process. It is designed to give very good hardness.

Typical Properties

Appearance	Visual	Opaque white liquid
Viscosity at 25 °C	cP	4250 \pm 750
Hydroxyl number	mg KOH/g	31 \pm 2
Acid value	mg KOH/g	< 0.5
Water content	%	< 0.08
Density at 25 °C	g/cm ³	1.03 \pm 0.01

Applications

EXAMER CPP EX 100 is used in the manufacturing of slab stock flexible foam where high hardness & loadbearing properties are desired.

Storage and Handling

EXAMER CPP EX 100 is slightly hygroscopic and should therefore be stored under cool and dry conditions at 20 – 40 °C. Even under these conditions EXAMER CPP EX 100 absorbs small quantities of atmospheric moisture. Partially used drums should be properly resealed before keeping for extended storage.

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Health and Safety

EXAMER CPP EX 100 is physiologically harmless.

This product is not particularly dangerous for health. In any case is suggested to observe following precautions:-

- To wear appropriate protection for body and eyes
- The working room must be ventilated
- In case of contact with skin or eyes to wash accurately with clean water and if sprayed on eyes ask for medical intervention.
- To absorb eventual losses with sand or sawdust.

Polyurethanes produced from this product may present a fire hazard in certain applications if exposed to fire and/or excessive heat and oxygen, e.g., welding and cutting torches.

Expanded Polymer Systems Pvt. Ltd. guarantees that its products are of the highest quality provided that the conditions recommended in the present instructions are carried out regarding their conservation, maintenance and use.

The high quality of Expanded Polymer Systems Pvt. Ltd. products does not exonerate the Buyer-User from making his own checks as to the suitability of the product.

Expanded Polymer Systems Pvt. Ltd. will not stand responsible for any emerging problems occurring in the eventual transformation of its products which is taken at the risk of the Buyer-User, therein including possible disputes regarding the patents of third parties.

Shelf Life

Shelf life under specified storage conditions is 12 months.

Packaging

210 kg net in steel drums