

BEXTER 80 E

ALIPHATIC POLYESTER POLYOL

Description

BEXTER 80 E is a specialty polyester polyol designed using glycol which imparts better hydrolytic stability and low temperature performance to polyurethane products manufactured using this polyol. Also, PU made using BEXTER – 80E exhibits good flex resistance and elasticity even at very low temperatures.

Typical Properties

Appearance	Visual	White Solid
Hydroxyl number	mg KOH/g	56 ± 2
Acid Number	mg KOH/g	<0.5
Water content	% by weight	<0.05
Viscosity at 50°C	cP	2100 ± 300
Specific Gravity at 50°C		1.16 ± 0.03

Applications

BEXTER 80 E is mainly used for demanding polyurethane applications such as thermoplastic as well as cast elastomers, adhesives and coatings where they are expected to perform well at lower temperatures and moist conditions. They can also be used in flexible slabstock formulations to improve hydrolysis stability.

Storage and Handling

BEXTER 80 E is slightly hygroscopic and should therefore be stored under cool and dry conditions at 25 – 35 °C. Even under these conditions BEXTER 80 E 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

BEXTER 80 E 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 6 months.

Packaging

210 kg net in steel drums