

BEXTER 20

ALIPHATIC POLYESTER POLYOL

Description

BEXTER 20 is a saturated polyester polyol with calibrated amount of branching that gives very fine cell structure when used in manufacturing of flexible slabstock foam. Higher molecule weight of BEXTER 20 imparts good flex resistance, improved elastic properties and mechanical properties.

Typical Properties

Appearance	Visual	Soft Liquid
Hydroxyl number	mg KOH/g	51 ± 2
Acid Number	mg KOH/g	1 - 1.4
Water content	% by weight	< 0.08
Viscosity at 35°C	cP	9000 ± 1500
Specific Gravity at 50°C	g/cc	1.16 ± 0.03

Applications

BEXTER 20 is a specially designed polyester polyol, highly recommended to be used in manufacturing of flexible slab-stock foams particularly for flame lamination foams. It can also be used as an intermediate in the manufacture of shoe soles, adhesives, coatings, cast elastomers and similar polyurethane products.

Storage and Handling

BEXTER 20 is slightly hygroscopic and should therefore be stored under cool and dry conditions at 25 – 35°C. Even under these conditions BEXTER 20 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 20 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