

EXAMOL QP 540

AMINE BASED POLYETHER POLYOL

Description

EXAMOL QP 540 is ethylene diamine based polyether polyol of high reactivity and moderate viscosity. It can blend well with other polyethers as well as polyester polyols to produce rigid polyurethane foams of very fine cell structure.

Typical Properties

Appearance	Visual	Clear liquid
Colour		Yellowish
Viscosity at 25 °C	cP	7000 ± 1000
Hydroxyl number	mg KOH/g	520 ± 20
pH		9 – 11.5
Water content	%	< 0.1
Specific Gravity at 25 °C		1.02 ± 0.03

Applications

EXAMOL QP 540 is a specially designed polyether polyol to be used in formulations with other polyether and polyester polyols which finds applications in manufacturing of domestic refrigerators. The rigid foam produced using EXAMOL QP 540 exhibits very low thermal conductivity.

Storage and Handling

EXAMOL QP 540 is slightly hygroscopic and should therefore be stored under cool and dry conditions at 25 – 35 °C. Even under these conditions EXAMOL QP 540 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

EXAMOL QP 540 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