



HANSON CHEMICALS

Product Name

Polypropylene Glycol DF-4000

Introduction

Polypropylene Glycol DF-4000 is a polyether diol that can be used to produce a wide range of urethane for coatings, adhesives, sealants, and elastomers in prepolymers as well as in one-shot formulations. This is a low monol product.

Polyol Properties

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|------------------------|--------------------------|
| OH Value (mg KOH/g) | 26 - 30 (ASTM D 4274) |
| Viscosity (cps at 25C) | 800 - 1000 (ASTM D 4878) |
| Water Content (ppm) | <=500 (ASTM E 203) |
| Acid Value (mg KOH/g) | 0.04 (ASTM D 4662) |
| pH | 5.5 - 7.0 (SKC-M-704) |
| Color (APHA) | <=50 (ASTM D 1209) |
| CPR | <=1.0 (ASTM D 6437) |

Storage

Polypropylene Glycol DF-4000 is hygroscopic. Absorption of water would affect reactivity and physical properties of the final product. It should be kept in tightly closed containers in dry conditions to prevent contamination, away from direct heat sources. Storage temperature between 20C and 35C is recommended. It would be viscous at low temperatures. It can be heated up to 60C before use for easier handling.

Handling Precautions

Polypropylene Glycol DF-4000 has very low odor and acute toxicity and does not present a significant health hazard to users. However, general standards of industrial hygiene should be observed when handling this chemical. Suitable protective clothing and eye protection must be worn to avoid unnecessary contact or accidental ingestion. In case of skin or eye contact, wash promptly with copious amounts of clean water. In case of eye contact, seek medical attention.