Polypropylene glycol (polyoxypropylene diol), Mn ≈ 4000

Polypropylene glycol (polyoxypropylene diol), Mn ≈ 4000 · RS-PPG_4000 · CAS 25322-69-4 · Technical Data Sheet · RawSource · rawsource.com/product/polypropylene-glycol-mn-4000/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
25322-69-4	RS-PPG_4000	Polyether diol · synthesis intermediate

Polypropylene glycol is a polyether diol with a molecular weight of around 4,000. It is characterized by low unsaturation and narrow molecular weight distribution.

DISTRIBUTED BY
RawSource Inc.
515 E Las Olas Blvd, Suite 1301, Fort Lauderdale, FL 33301
305-307-6515 · solutions@rawsource.com · rawsource.com
Product page: rawsource.com/product/polypropylene-glycol-mn-4000/
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GENERAL INFORMATION

Chemical name	Polypropylene glycol (polyoxypropylene diol), Mn ≈ 4000
Molecular weight	around 4,000

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Color, APHA	50 max	Conform
Viscosity	650 – 1,050 mPa·s	826 mPa·s
Moisture	0.05 % max	0.013 %
Acid Value	0.05 mg KOH/g max	0.027 mg KOH/g
Hydroxyl Value	27 – 31 mg KOH/g	29.2 mg KOH/g
pH value	5.0 – 7.5	6.48

Each lot is released against this specification. Lot-specific results are reported on the Certificate of Analysis that ships with every delivery.

KEY FEATURES

- Low unsaturation
- Narrow molecular weight distribution

APPLICATIONS

- Microporous elastomer
- Semi-rigid polyurethane foam

Applications are those stated for the product. Confirm suitability for each formulation by trials.

HANDLING REQUIREMENTS

- Store in sealed containers in dry conditions.
- Keep away from direct sources of heat.
- The recommended storage temperature is 20 – 35 °C.
- Reclose opened containers tightly immediately after drawing off material.
- The material is hygroscopic, and moisture absorption affects polyol reactivity and the physical properties of the resulting polymer.

PACKAGING AND SHELF LIFE

- 200 kg drums under nitrogen
- 1,000 kg IBC
- Shelf life: 12 months from production date.

The information in this Technical Data Sheet is provided for technical evaluation and is believed to be accurate as of the issue date. Typical values are representative and do not constitute a warranty. Binding specifications are those stated on the lot-specific Certificate of Analysis and in the sales contract. Users should verify suitability for their own process and regulatory requirements. Refer to the Safety Data Sheet before handling. Questions: solutions@rawsource.com.