

Polyol 3990

Product Description

Polyol 3990 is an alkoxyated trifunctional liquid polyol with primary hydroxyl groups. It is used as a chemical building block and as crosslinker in polyurethanes.

Segment Applications

Crosslinker in polyurethanes, Precursor for free radical radiation curing monomers and oligomers, Chemical building block

Delivery Forms

Steel drums 220 kg, 880 kg/pallet

IBC 1100 kg

Bulk at approximately 50°C



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Sales Specification

Characteristics	Unit	Specification	Analytical Method ¹
Hydroxyl number	mg KOH/g	990 ± 30	PO 100-1
Water content	%	Max. 0.2	PO 109-2
Ash content (Na+K)	ppm	Max. 100	PO 103-3

1. Analytical methods are available on request

General Characteristics

Characteristics	Unit	Typical Value ¹
Molecular weight (nominal)	g/mol	170
Color	APHA	20
Viscosity (23 °C)	mPas	4800
Acid number	mg KOH/g	0.1

1. Typical values are for information only and not part of sales specification

Handling and Storage

Perstorp recommends storing alkoxyated polyols in sealed containers at ambient temperature, in a dry area protected from direct sunlight. The maximum storage temperature has not been determined, but when stored as recommended, temperatures up to 35°C is unlikely to present any problems. When drums are opened, and the product is exposed to air, moisture can be absorbed by the product. Sealing the drum under a dry gas (nitrogen, argon or dried air) blanket can substantially reduce this tendency.

HS No.: 3907 29

Effective date: January 10, 2022

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