KONIX PP-2000

Polyether Polyol

Technical Data Sheet

General

KONIX PP-2000 is a 2000 molecular weight polyether diol having excellent compatibility with organic chemicals. This grade have high purity and the narrow polymerization degree distribution.

KONIX PP-2000 is used in an intermediate for the production of polyurethane elastomers, coatings and adhesives and specialty foams. It is manufactured to close specifications ensuring a high degree of consistency.

Product Specifications

Items	*Specifications*
Appearance	Light Yellow Clear Liquid
Color (APHA No.)	75 max.
Water content (wt%)	0.05 max.
Hydroxyl Number (mg KOH/g)	54 - 58
Viscosity at 25℃ (cps)	260 - 340
Acid number (mg KOH/g)	0.03 max.
pH	5.0 – 7.0
BHT(Butylated hydroxytoluene) content (ppm)	none

Health & Safety Information

KONIX PP-2000 is very low odor of acute toxicity and is neither irritating nor sensitive to the skin. It is a chemical for industrial use and normal care should be taken to avoid unnecessary contacts, splashes in the eyes or accidental ingestion. . (For more information, refer to Material Safety Data Sheet (MSDS))

Storage

KONIX PP-2000 is slightly hygroscopic and must be stored under conditions that contamination with water and the absorption of atmospheric moisture are prevented. Contact with copper alloys must be avoided.

KONIX PP-2000 should be stored in dry conditions away from direct source of heat, preferably in the unopened original containers. Open drums must be capped immediately after drawing-off the material.

Recommended maximum storage time ---------- 12 months

storage temperatures ---------- 20 ~ 60 ℃

* 'KONIX' & 'NIXOL' are registered trademark of KPX Chemical Co., Ltd..

KPX CHEMICAL CO., LTD. R&D CENTER

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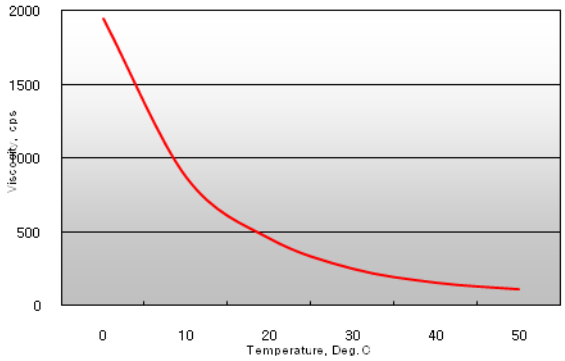
Packing

KONIX PP-2000 is supplied in steel drums (or bulk container)

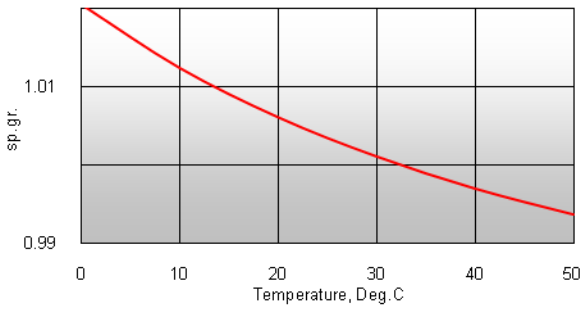
Average Net Weight ---------- 210 kg
Average Gross Weight ---------- 226 kg

Viscosity (vs.Temperature)



Temperature,℃	Viscosity, cps
0	1910
10	820
20	400
30	220
40	135
50	92

Specific gravity (vs.Temperature)



Temperature,℃	Specific gravity, g/cm^3
0	1.0205
10	1.0124
20	1.0061
30	1.0011
40	0.9970
50	0.9937

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