KONIX PP-1000

Polyether Polyol

Technical Data Sheet

General

KONIX* PP-1000 is a 1000 molecular weight polyether diol having excellent compatibility with organic chemicals. This grade have high purity and the narrow polymerization degree distribution.
KONIX PP-1000 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

Item	*Specification*
Appearance	Light Yellow Clear Liquid
Color (APHA No.)	< 75
Water content (wt%)	< 0.05
Hydroxyl Number (mg KOH/g)	108 - 116
Viscosity at 25℃ (cps)	135 – 165
Acid number (mg KOH/g)	< 0.04
pH	5.0 - 7.0
BHT(Butylated hydroxytoluene) content (ppm)	none

Health & Safety Information

KONIX PP-1000 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-1000 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-1000 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..

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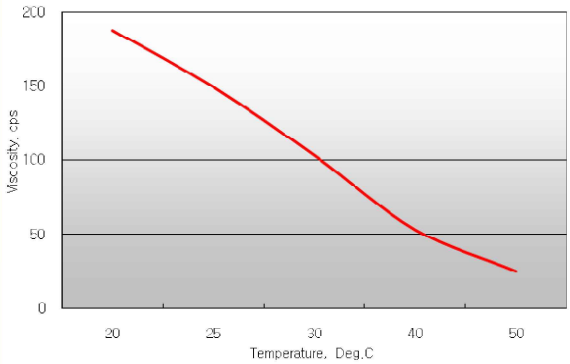
Packing

KONIX PP-1000 is supplied in steel drums (or bulk container)

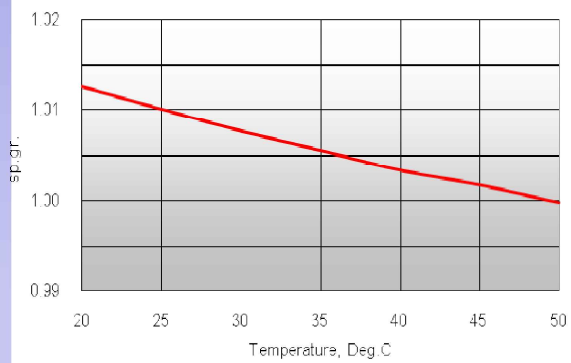
Average Net Weight ---------- 200 kg
Average Gross Weight ---------- 219 kg

Viscosity (vs.Temperature)



Temperature, ℃	Viscosity, cps
20	188
25	149
30	103
40	53
50	25

Specific gravity (vs.Temperature)



Temperature, ℃	Specific gravity, g/cm³
20	1.0126
25	1.0101
30	1.0077
40	1.0034
50	0.9998

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