

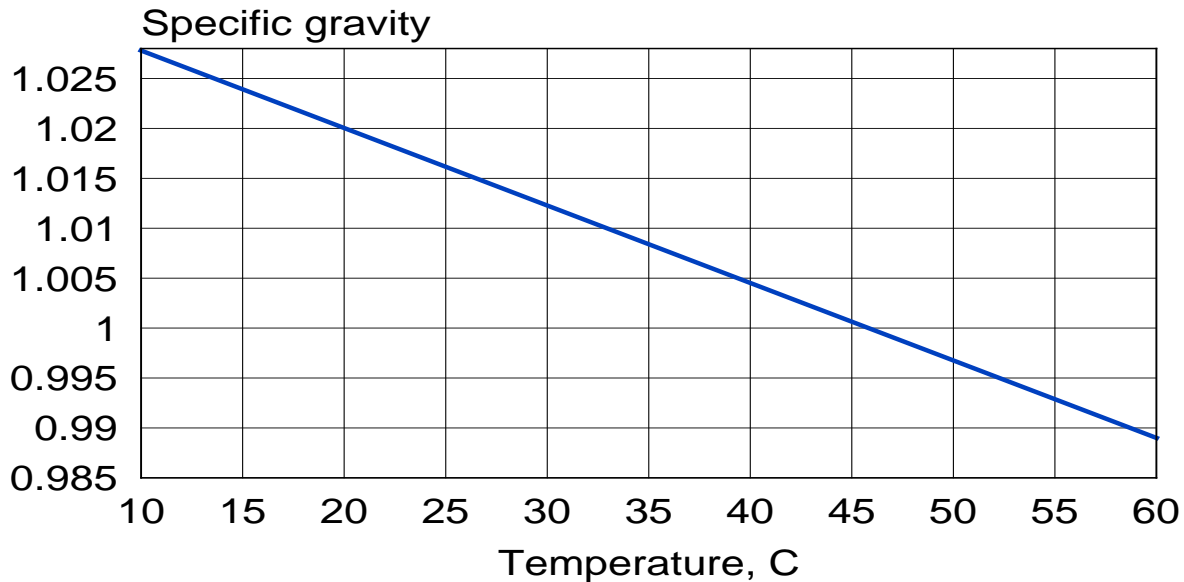
# KONIX FA-717

KONIX FA-717 is a 3500 molecular weight polyether polyol capable of producing a broad range of slab stock foams for automotive, furniture, bedding application. This polyoxyethylene-polyoxypropylene containing polyol will process well on slab stock machines equipped to produce either conventional crown or flat top buns. KONIX FA-717 polyol can be used with or without auxiliary blowing agents to produce a wide range of foam grades ranging from extra firm to super soft.

## TYPICAL PROPERTIES

|                                 |              |
|---------------------------------|--------------|
| Appearance-----                 | Clear liquid |
| Color, APHA No.-----            | 50 max       |
| Hydroxyl number, mg KOH/g ----- | 48.0         |
| Acid number, mg KOH/g -----     | 0.05 max     |
| Water content, wt.%-----        | 0.1 max      |
| Viscosity, cps at 25°C-----     | 580          |
| Average molecular weight -----  | 3,500        |

— Specific gravity / temperature characteristic



## Formulation and Foam properties

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| Formulation  | 1    | 2    |
|--------------|------|------|
| KONIX FA-717 | 100  | 100  |
| WATER        | 4.7  | 3.0  |
| L-580        | 1.8  | 1.0  |
| DMEA         | 0.2  |      |
| DABCO-33LV   |      | 0.15 |
| A-1          |      | 0.06 |
| T-9          | 0.38 | 0.20 |
| M.C          | 8    |      |
| TDI-80       | 60.8 | 40.0 |
| index        | 115  | 110  |

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### Foam properties

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|                                     |      |      |
|-------------------------------------|------|------|
| Density, kg/m <sup>3</sup>          | 17.3 | 32.1 |
| ILD, Kg/314cm <sup>2</sup>          |      |      |
| 25% Def.                            | 11.0 | 19.4 |
| 65% Def.                            | 24.2 | 37.0 |
| Ball Rebound,%                      | 33   | 45   |
| Elongation,%                        | 123  | 130  |
| Tear strength,Kg/cm                 | 0.61 | 0.80 |
| Tensile strength,Kg/cm <sup>2</sup> | 0.81 | 1.35 |
| Compression set,%                   |      |      |
| 50% strain,70°C 22hrs               | 4.4  | 2.0  |

## PACKING

KONIX FA-717 is supplied in steel drums.

Average net weight 210 kg

Average gross weight 229 kg

## STORAGE

KONIX FA-717 is slightly hygroscopic and must be stored under conditions so that contamination with water and the absorption of atmospheric moisture are prevented. Contact with copper or copper alloys must be avoided.

KONIX FA-717 should be stored in dry conditions away from direct sources of heat ,preferably in the unopened original containers.Opened drums must be reclosed tightly immediately after drawing-off material.  
Recommended maximum storage time 12 months.

## HANDLING PRECAUTIONS

KONIX FA-717 is a very low order of acute toxicity and is neither irritating nor sensitising 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.