



# Pluracol<sup>®</sup> 816

## Molded Foam Polyol

Pluracol 816 polyol is a high molecular weight triol which was developed for use in high resiliency molded foam formulations. Used in combination with graft polyols, such as Pluracol 1528FF, it gives good processability even in low-density, high water formulations which can meet automotive seating requirements. Pluracol 816 is less reactive than Pluracol 945 and more reactive than Pluracol 538.

### TYPICAL PROPERTIES

<b>Appearance</b> .....	clear liquid
<b>Hydroxyl number, mg KOH/g</b> .....	34.0 – 36.0
<b>Water wt.% maximum</b> .....	0.05
<b>Acid number, maximum</b> .....	0.01
<b>Na &amp; K, ppm maximum</b> .....	5
<b>Color, APHA maximum</b> .....	30
<b>Unsaturation, meq/g maximum</b> .....	0.054
<b>Nominal functionality</b> .....	3
<b>Nominal molecular weight</b> .....	4800
<b>Density, lbs/gal @ 77°F</b> .....	8.53
110°F .....	8.38
130°F .....	8.28
<b>Viscosity, cps @ 77°F</b> .....	900
110°F .....	350
130°F .....	225
<b>Specific heat, BTU/lb °F</b> .....	0.5
<b>Thermal Conductivity, BTU/hr ft<sup>2</sup> °F/in</b> .....	0.087

### Storage

Pluracol 816 should be stored under dry conditions below 130°F.

### Shipping information

20,000-gallon tank cars, 6,000-gallon tank trucks and 55-gallon nonreturnable steel drums are standard.

### In case of chemical emergency:

Call CHEMTREC 800-424-9300 or BASF (800-832-HELP) day or night for assistance and information concerning spilled material, fire, exposure and other chemical accidents. Outside the U.S., call (703) 527-3887.

## Warning

These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.

## Attention:

This product is sold solely for use by industrial institutions. Refer to our Material Safety Data Sheet (MSDS) regarding regulatory compliance, safety, hazards, spill procedures and disposal of this product. An MSDS as well as additional information on BASF urethane chemicals may be obtained by telephoning BASF Corporation, Urethane Customer Service at (877) 297-3322 or faxing (734) 324-6866.

## Important:

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