



Pluracol[®] 1603

Molded Foam Polyol

Pluracol 1603 polyol is a primary hydroxyl terminated polyether polyol containing an LVI inhibitor package making it ideal for molded seating foam applications. It has an actual functionality of 3.0. The high functionality and high primary content provide fast demold times and excellent stability in high water formulations. It can be used with Pluracol 1528FF graft polyol to formulate flexible foams with a wide range of hardnesses and densities.

TYPICAL PROPERTIES

Appearance	clear liquid
Hydroxyl number, mg KOH/g	29.5 – 32.5
Water wt.% maximum	0.05
Acid number, maximum	0.01
Na & K, ppm maximum	5
Color, APHA maximum	35
Unsaturation, meq/g maximum	0.065
Nominal functionality	3
Nominal molecular weight	5400
Density, lbs/gal @ 77°F	8.54
104°F	8.44
131°F	8.35
Viscosity, cps @ 77°F	1202
104°F	550
131°F	285

Storage

Pluracol 1603 should be stored under dry conditions below 140°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 Safety Data Sheet (SDS) regarding regulatory compliance, safety, hazards, spill procedures and disposal of this product. An SDS 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:

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.

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