



Pluracol[®] 4600

Graft Slabstock Foam Polyol

Pluracol 4600 polyol is a secondary hydroxyl-terminated graft polyether triol containing approximately 45% solids of copolymerized styrene and acrylonitrile. This polyol has been formulated with a low volatile inhibitor package designed for either conventional curing or mechanical forced-air curing. This high solids graft polyol can be used to manufacture flexible slabstock foam having maximum load-bearing properties. It can be used alone for maximum effect or in combination with conventional polyols. Major applications for Pluracol 4600 include foams for prime carpet cushion, furniture seating and packaging.

TYPICAL PROPERTIES

Appearance	white, opaque liquid
Hydroxyl number, mg KOH/g	29.5 – 32.0
Water wt.% maximum	0.05
Nominal functionality	3
Density, lbs/gal @ 77°F	8.71
104°F	8.64
Viscosity, cps @ 77°F	4200
104°F	1820
Specific heat, BTU/lb °F	0.5
Thermal conductivity, BTU/hr ft² °F/in	0.087

Storage

Pluracol 4600 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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