

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 OH/g	29.5–32.0
Water wt.% maximum	0.05
Viscosity, cps @ 25 °C	4200
Nominal functionality	3
OH number (avg)	29
SAN solids (%)	45
Specific gravity @ 25 °C	1.05



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U.S.: www.basf.us/responsiblecare_usa

Canada: www.basf.us/responsiblecare_canada

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BASF Corporation

1609 Biddle Avenue
Wyandotte, MI 48192

Phone: 734-324-6100

<https://polyurethanes.basf.us>

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STORAGE

Pluracol® 4600 should be stored under dry conditions below 60 °C. Maintaining proper storage conditions, the shelf life of the material is 24 months.

SHIPPING INFORMATION

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

WARNING

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

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).

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 visiting polyurethanes.basf.us.

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.** Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by BASF hereunder are provided gratis and BASF assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.