

Pluracol® 945

Molded Foam Polyol

Pluracol 945 polyol is a high molecular weight polyol for use in high water, low-density automotive seating foams where a high degree of foam stability is required. In combination with graft polyols, such as Pluracol 1528FF, Pluracol 945 produces molded foams from highwater, low-density formulations. These foams are less susceptible to mold leakage, voiding and basal cells than foams produced with other polyols, but do require crushing to prevent shrinkage. Pluracol 945 is more reactive than either Pluracol 816 or Pluracol 2097.

TYPICAL PROPERTIES

Appearance	clear liquid
Hydroxyl number, mg OH/g	34-36
Water wt.% maximum	0.05
Acid number, maximum	0.01
Viscosity, cps @ 25 °C	850
Na & K, ppm maximum	5
Color, APHA maximum	30
Nominal functionality	3
OH number (avg)	35
Nominal molecular weight	4800
Specific gravity @ 25 °C	1.02



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STORAGE

Pluracol® 945 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.^{x.000D}

WARNING

These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.^{x.000D}

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.