

Pluracol® 4850

Slabstock HR & Molded Graft Polyol

Pluracol 4850 polyol is a primary hydroxyl-terminated graft polyether triol containing approximately 32% solids of copolymerized styrene and acrylonitrile, utilizing a LVI inhibitor package. Pluracol 4850 can be used in combination with Pluracol 2100 to produce HR slabstock foams having a narrow spread in cross-sectional density and IFD properties and allows foam manufacturers to adjust the solids levels to specific formulations. Broad processing latitude permits the manufacture of a wide variety of high resilient foams. Pluracol 4850 polyol can also be used in molded foam applications.

TYPICAL PROPERTIES

Appearance	creamy, opaque liquid
Hydroxyl number, mg OH/g	23.0–26.0
Water wt.% maximum	0.05
Acid number, maximum	0.015
Viscosity, cps @ 25 °C	2950
Nominal functionality	3
OH number (avg)	24
SAN solids (%)	32
Specific gravity @ 25 °C	1.05



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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® 4850 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.