



# Pluracol<sup>®</sup> 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

<b>Appearance</b> .....	creamy, opaque liquid
<b>Hydroxyl number, mg KOH/g</b> .....	23.0 – 26.0
<b>Water wt.% maximum</b> .....	0.05
<b>Acid number, mg KOH/g</b> .....	0.015
<b>Nominal functionality</b> .....	3
<b>Density, lbs/gal @ 77°F</b> .....	8.65
<b>104°F</b> .....	8.57
<b>Viscosity, cps @ 77°F</b> .....	2950
<b>104°F</b> .....	1620
<b>Specific heat, BTU/lb °F</b> .....	0.5
<b>Thermal conductivity, BTU/hr ft<sup>2</sup> °F/in</b> .....	0.087

### Storage

Pluracol 4850 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:**

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