

# Product Data



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## SPECIFIC PROPERTIES BULLETIN

### **LHB-2401 White Abrasion Resistant Gel Coat**

**Description:** HK Research Corporation's White Abrasion Resistant Gel Coat has significantly greater resistance to scratching and other forms of surface abrasion than standard products. The LHB-2401 Gel Coat is unsurpassed in the general duty composites industry for its superior properties. The hybrid Isophthalic resin backbone provides this product with unique physical characteristics. The LHB-2401 provides the Composites manufacturer with a hard, stain and unsurpassed abrasion resistant surface for their products...while reducing their overall emissions.

#### Typical properties of this product:

<b>Weight/Gallon @ 77°F:</b>	11.60 pounds
<b>Specific Gravity @ 77°F:</b>	1.40
<b>Viscosity, Brookfield</b>	
@ 77°F @ 6 rpm:	12,000 -16,000 cps
@ 60 rpm:	2,000 - 2,500 cps
<b>Thixotropic Index:</b>	4.5 – 6.0
<b>Gel Time, 100 Grams</b>	
@ 77°F, 2% MEKP*:	15 - 20 minutes
<b>Typical Film Cure Rate</b>	
<b><u>@ 77°F, 2% MEKP</u></b>	
Film Gel Time	30-45 minutes
Cure Time to laminate	45-60 minutes
Barcol Hardness, Cured Film	40+ units

#### **Shelf Life -**

**Uncatalyzed, @ 77°F:** 3 months minimum

\*Recommended catalysts are NORAC MEKP-9 or RCI 46-702. HK Research cannot guarantee similar results with any other catalyst.

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