

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:

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