Product Data

908 LENOIR ROAD • POST OFFICE BOX 1809
HICKORY, NORTH CAROLINA • 28603-1809
TELEPHONE (828) 328-1721
TOLL FREE (800) 334-5975
FAX (828) 328-4572

SPECIFIC PROPERTIES BULLETIN

LHA-3500

LOW HAP BLACK Hybrid-ISO GEL COAT

Description: HK Research Corporation's LHA-3500 Gel Coat is based on an Isophthalic-Hybrid resin. This backbone provides the product with unique physical characteristics. Handling properties make this product almost a "drop in" in applications where higher HAP Gel Coats are now being used. These unsurpassed Gel Coat systems provide the composites Industry with a hard stain and abrasion resistant surface. We do not recommend this product for constant water contact.

Typical properties of this product:

HAP (Formulated) Content:	29%
Weight/Gallon @ 77°F:	10.96 pounds
Specific Gravity @ 77°F:	1.40
Viscosity, Brookfield	
@ 77°F @ 6 rpm:	12,000 -16,000 cps
@ 60 rpm:	2,200 - 2,800 cps
Thixotropic Index:	5.5 – 6.5
Gel Time, 100 Grams	
@ 77°F, 2% MEKP*:	10 – 15 minutes
Typical Film Cure Rate	
@ 77°F, 2% MEKP	
Film Gel Time	35-45 minutes
Cure Time to Sand	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.

2/12/02