

# Product Data



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## SPECIFIC PROPERTIES BULLETIN LHM-1967

### HYDROSHIELD® LITE TRANSLUCENT GEL COAT

**Description:** HK Research Corporation's Hybrid NPG/ISO Gel Coats are unsurpassed in the Marine Industry for their superior properties. The 100% Hybrid NPG/Isophthalic resin backbone provides this product with unique physical characteristics. These unsurpassed Gel Coat systems provide the Marine Industry with a hard stain and abrasion resistant surface

#### Typical properties of this product:

<b>HAP (Styrene) Content:</b>	<b>30%</b>
<b>HAP (MMA) Content:</b>	<b>3%</b>
<b>Weight/Gallon @ 77°F:</b>	10.50 pounds
<b>Specific Gravity @ 77°F:</b>	1.26
<b>Viscosity, Brookfield, RVF</b>	
@ 77°F @ 5 rpm:	14,000-18,000 cps
@ 50 rpm:	2,000-3,000 cps
<b>Thixotropic Index:</b>	5.5– 7.5
<b>Gel Time, 100 Grams</b>	
@ 77°F, 2% MEKP*:	20-25 minutes
<b>Typical Film Cure Rate</b>	
<b><u>@ 77°F, 2% MEKP</u></b>	
Film Gel Time	35-50 minutes
Cure Time	<60 minutes
Barcol Hardness, Cured Film	38-40 units
<b>Shelf Life -</b>	
<b>Uncatalyzed, @ 77°F:</b>	3 months minimum
Recommended catalysts are Cadox L-50a, and DDM-9.	
Call HK's Lab for other recommendations.	

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The information and data given in this bulletin are based on tests, which are considered to be reliable and accurate. Because of environmental conditions beyond our control, however, no warranty is given concerning the results obtained by the user of HK Research products. Each user should satisfy himself, by adequate testing, of the suitability of HK Research products for his particular application.