

**Product Data Sheet**

A. L. Hyde Co. introduces HYDCOR® PVC Type I rod.  
HYDCOR PVC rod is grey in color and is stocked in diameters from 1/4" to 12".

PVC is an excellent choice for many applications in industrial environments where chemical resistance, dimensional stability, self extinguishing properties and price are a concern. Many applications can be found for PVC in the chemical processing industry.

All \*HYDCOR PVC rods are void free and meet or exceed the requirements of PVC Type I.

Although typical average physical properties are listed below, Hyde will not guarantee these values in parts machined from stock shapes. These properties should only be used as guidelines.

**\*HYDCOR PVC rod does not contain lead stabilizers.**

GENERAL PROPERTIES	ASTM METHOD	UNITS	PVC
Specific Gravity	D792		1.43
Hardness, Rockwell	D785		113 R
HDT			
@ 264 PSI	D648	°F	169
@ 66 PSI	D648	°F	178
Tensile Strength	D638	PSI	7300
Tensile Modulus	D638	PSI	392000
Flexural Modulus	D790	PSI	455000
Notched Izod	D256	FT-LBS/IN.	0.7

ELECTRICAL PROPERTIES	ASTM METHOD	UNITS	PVC
Surface Resistivity			10 <sup>13</sup> Ohms
Bulk Resistivity			2.5 x 10 <sup>14</sup> Ohms/CM
Dielectric Constant		1 MHZ	3

# HYDCOR<sup>®</sup> PVC TYPE I

ELECTRICAL PROPERTIES	ASTM METHOD	UNITS	PVC
• Weight, 96% H2SO4 Immersion Ambient Conditions			- 0.42%
• Weight, 65% HHO3 Immersion Ambient Conditions			+ 0.044%
• Weight, 37% HCL Immersion Ambient Conditions			+ 0.023%
• Weight, 10% HCL Immersion Ambient Conditions			- 0.016%

We believe this information is the best currently available on the subject. It is subject to revision as additional knowledge and experience are gained. A.L. Hyde Company makes no guarantee of results and assumes no obligation of liability whatsoever in connection with this information. Anyone intending to use recommendations contained in this publication should first satisfy himself that the recommendations are suitable for his use and meet all appropriate safety and health standards. This publication is not a license to operate under, or intended to suggest infringement of any existing patents. References to products not of A.L. Hyde manufacture do not indicate endorsement of named products or unsuitability of other similar products.

*For more information contact A.L. Hyde Company, or your local distributor of Hyde quality engineering thermoplastics.*

**Your local distributor:**

ALH39995

## HYDE

**A. L. HYDE COMPANY**

1 Main Street  
Grenloch, New Jersey 08032  
609-227-0500 Fax: 609-232-1754  
1-800-234-HYDE (4933)  
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