| sohpp               | Data Sheet<br>Phenolic Resins |
|---------------------|-------------------------------|
| Resin Number: 23010 | Last Updated: 5/9/2002        |
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# **DESCRIPTION**

Plyophen 23010 is a heat reactive liquid phenolic resin dissolved in ethanol.

## **APPLICATION**

Plyophen 23010 is a varnish used in the production of mechanical laminates, gear stock and rolled tubing. It is used for canvas or paper impregnation. It will meet NEMA grade "C" specification for an 8 ounce canvas stock if treated to a resin content of 45-50%, volatiles of 4.5-5.5%. For rolled tubing, a slightly higher resin content and volatile are necessary. It is fast curing, a 1/8 inch thick panel may be cured in 10-15 minutes at 325°F.

### **TYPICAL PROPERTIES**

|                       |        | Test Method |
|-----------------------|--------|-------------|
| G&H Viscosity         | Н      | DCT 4003A   |
| Viscosity @ 25°C, cps | 225.00 | DCT 4003F   |
| Non Volatile, %       | 55.00  | DCT 4005A-1 |
| G-H Color             | 18 max | DCT 4075A   |
| Specific Gravity      | 1.05   | DCT 5075    |

Durez test methods are available upon request.

#### **STORAGE**

This product is a heat reactive material and should be stored in closed containers at, or below 40°F.

### PACKAGING AND SHIPPING

Available in 55 gallon steel drums, 450 pounds net. This product is DOT regulated and shipped as a flammable liquid.

READ THE MATERIAL SAFETY DATA SHEET BEFORE HANDLING, STORING OR USING THIS PRODUCT.



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