

# Data Sheet Phenolic Resins

Tact Mathad

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#### **DESCRIPTION**

Plyophen 43243 is a liquid one-step phenolic resin in isopropyl alcohol.

### **APPLICATION**

Plyophen 43243 resin was developed specifically for both high and low pressure laminating processes employing glass fabrics and other inorganic reinforcing agents. This resin is capable of producing preimpregnated materials suitable for vacuum-bag molding at 10-14 psi, press molding at pressures as high as 1800 psi, or matched-metal die molding at even higher pressures. Laminates and molded parts having exceptionally high temperature resistance's are obtained with this resin.

#### TYPICAL PROPERTIES

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|---------------------------|----------|----------------------|
| Viscosity @ 25°C, cps     | 460.00   | DCT 4003F            |
| Non Volatile, %           | 69.50    | DCT 4005A-1          |
| Karl Fischer Moisture, %  | 4.90     | DCT 4021A            |
| pH                        | 8.05     | DCT 4064A            |
| Cure @ 152°C, sec         | 180.00   | DCT 5085             |
| Sunshine Gel (135°C), min | 1,050.00 | DCT 5091             |
|                           |          |                      |

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, 500 pounds net, and tank trucks, 40,000 pounds net. This product is DOT regulated and shipped as a FLAMMABLE LIQUID, UN1866.

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



use remains the responsibility of the customer. No suddestions for use are intended as and nothing herein shall be

construed as a recomendation to infringe any existing patents or to violate any Federal, State or local laws.

IMPORTANT! The information presented herein, while not guaranteed, was prepared by technical personnel and is true