



[industries3r.com](http://industries3r.com)

**Danville office**

Industries 3R inc.  
55, Road 116 West  
Danville (Quebec)  
Canada J0A 1A0

Telephone: (819) 839-2793  
Fax: (819) 839-2797  
Toll-free: (800) 567-2728  
Email: [info@industries3r.com](mailto:info@industries3r.com)

**Montreal office**

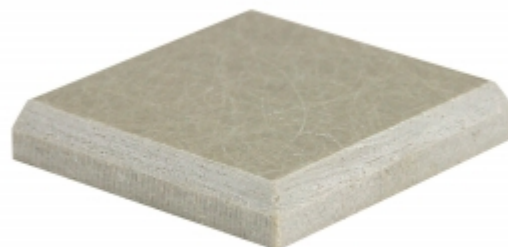
Industries 3R inc.  
1479, Begin street  
Ville St-Laurent (Quebec)  
Canada H4R 1V8

Telephone: (514) 333-3971  
Fax: (514) 333-7224  
Email: [info@industries3r.com](mailto:info@industries3r.com)

# 1030HT

## 1030 HT

The 1030HT fiberglass reinforced polyester sheet is manufactured under high heat and pressure in matched metal moulds. This laminate provides excellent mechanical and electrical properties for service temperatures up to 428°F. Testing shows that after 2000 hours of exposure at 390°F, the flexural strength is reduced by 10%, and the dielectric strength is reduced by 30% to 240 VPM.



## APPLICATIONS

This material is excellent for use in applications where high temperature property retention products are required, such as dry transformers.

## SPECIFICATIONS

### Technical Data

Specific Gravity (ASTM D-792)	1.62
IZOD Impact strength (Notch) (ASTM D-256) (ft-lb/in.)	8
Comp. Strength (psi) (ASTM D-790)	20 000
Flexural Strength (psi) (ASTM D-790)	22 000
Barcol hardness (ASTM D-2583)	45-55
Dielectric strength (ASTM D-149) (volts/mil)	350
Arc Resistance (ASTM D-495)	184
Dissipation factor @ 60 Hz (ASTM D-149)	0.05
Dissipation factor @ 1 MHz (ASTM D-149)	0.03
Dielectric constant @ 60 Hz (ASTM D-150)	5.0
Dielectric constant @ 1 MHz (ASTM D-150)	4.3
Flammability rating (UL 94)	94HB
Temperature	220 °C (390 °F)
Water absorption % - 24hrs (ASTM D-229)	0.337

---

---

**N.B.** The information, details and values indicated are to the best of our knowledge. We recommend to conduct tests according to local conditions. The data is subject to some variations without notice.