



Insulating. UL Rated. Flame Resistant.

GPO-3 Red Barrier Board is a glass reinforced laminate to choose when arc, flame and carbon track-resistance are needed. It offers good physical strength, moderate heat resistance and is used extensively in the making of electrical components.

BENEFITS:

- Electrical insulation
- Track resistance
- Self extinguishing UL94 (V-0)
- Chemical resistance
- Low smoke
- Low conductivity
- Impact and abrasion resistant
- Good mechanical strength

GPO-3 TYPICAL PROPERTIES

PHYSICAL PROPERTIES	UNITS	ASTM	RESULTS
Specific Gravity		D792	1.8
Density	lbs/Cu In		0.065
UL Flammability	Class	UL94	94V-0
Temperature Class	°C		160
MECHANICAL PROPERTIES			
Tensile Strength	PSI	D638	9000
Flexural Strength	PSI	D790	18000
Modulus of Elasticity in Flexure	PSI	D790	1.5
Compressive Strength	PSI	D695	30000
Shear Strength	PSI	D732	14000
Impact Strength - notch	Ft lbs/in	D256	8
ELECTRICAL PROPERTIES			
Dielectric Strength	VPM	D149	450
Arc Resistance	Seconds	D495	190
Comparative Track Index	Seconds	CTI	600+
Dialectric Constant @ 60Hz		D150	5.2

APPLICATIONS:

- Phase and end barriers
- Insulating and bus bar supports
- Mounting panels in switchgear
- Transformers
- Antenna bases
- Spacers

AVAILABILITY:

Red Barrier Board

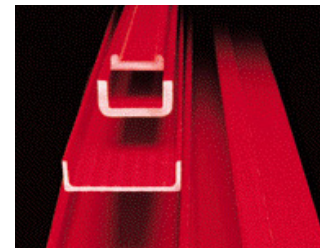
- Thicknesses .094 to 2.0" thick

Red Barrier Angle

- Equal leg angle and unequal leg angle

Red Barrier Channel

- U-Channel and Hat Channel



NOTE: The information contained herein are typical values intended for reference and comparison purposes only. They should NOT be used as a basis for design specifications or quality control. Contact us for manufacturers' complete material property datasheets. All values at 73°F (23°C) unless otherwise noted.

Contact us for a quote today!