

**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

Montreal office

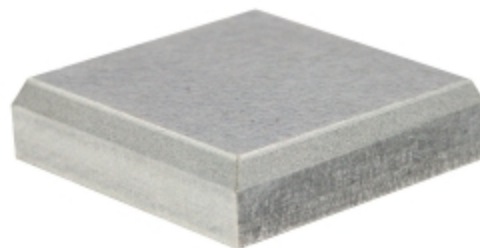
Industries 3R inc.
1479, Begin street
Ville St-Laurent (Quebec)
Canada H4R 1V8

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

PHLOG LC

PHLOGOPITE MICA

The products composed of phlogopite mica have excellent dielectric, mechanical and thermal properties. Industries 3R offer them in many forms and thicknesses making them suitable for the most demanding applications.



APPLICATIONS

Because of its good dielectric resistance, this material is used to fabricate dielectric flanges in foundries and aluminum smelters.

SPECIFICATIONS

Technical Data

Density IEC 60371-2 (g/cm ³)	1.6 ~ 2.45
Mica content IEC 60371-2 (%)	>88
Flexural strength ISO 178 (Mpa)	>100
Dielectric strength IEC 60243 (KV/mm)	>15
Continuous temperature	1292°F (700°C)
Maximum temperature	1832°F (1000°C)
Heat loss at 700°C IEC60371-2	1%
Heat loss at 1000°C IEC60371-2	2%
Fire resistance UL94	V-0

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.