

## Pyrotek Hirolex HG Electrical Insulating Material

Category : Ceramic

**Material Notes:**

Hirolex HG has superior mechanical properties. It is highly resistant to thermal shock, non-flammable and offers good arc resistance. Information provided by Pyrotek.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pyrotek-Hirolex-HG-Electrical-Insulating-Material.php](http://www.lookpolymers.com/polymer_Pyrotek-Hirolex-HG-Electrical-Insulating-Material.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.95 g/cc	1.95 g/cc	
Water Absorption	0.50 %	0.50 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	303 MPa	43900 psi	
Compressive Strength	379 MPa	55000 psi	
Izod Impact, Notched	16.0 J/cm	30.0 ft-lb/in	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.360 W/m-K	2.50 BTU-in/hr-ft <sup>2</sup> -°F	
Maximum Service Temperature, Air	250 °C	482 °F	Continuous use
	510 °C	950 °F	
Flammability, UL94	V-0	V-0	V-0

Electrical Properties	Metric	English	Comments
Dielectric Strength	10.0 kV/mm	254 kV/in	
Arc Resistance	260 sec	260 sec	

## Contact Songhan Plastic Technology Co.,Ltd.

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