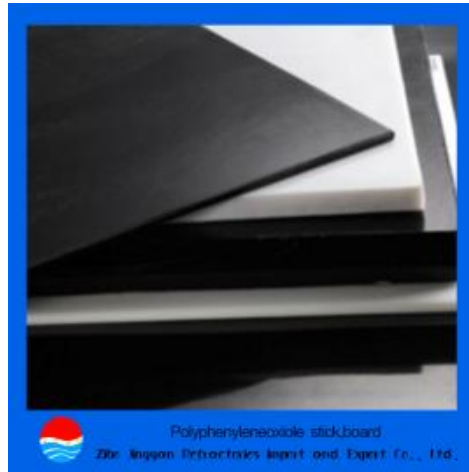


ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Polyphenyleneoxiole Stick,Board



1.Description: Polyphenyleneoxiole Stick,Board is rigid, heat-resistant, flame-retardant, wear-resistant, non-toxic and pollution-resistant. The biggest feature is excellent dimensional stability and outstanding electrical insulation under long-term load. The service temperature is in the range of $-127^{\circ}\text{C} \sim 121^{\circ}\text{C}$, with good water and steam resistance, high tensile strength, impact strength and creep resistance

2.Characteristics of Polyphenyleneoxiole Stick,Board:

- 1) It has the best electrical properties in engineering plastics and is a very ideal high frequency insulating material
- 2) It has balanced mechanical properties, tensile strength, bending strength and impact strength higher than PA and POM, creep resistance, stress relaxation and fatigue resistance are superior in engineering plastics
- 3) Good heat resistance, heat deformation temperature of $90 \sim 150^{\circ}\text{C}$, up to 172°C , little effect of temperature on performance, stable physical properties

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- 4) Water resistance, steam performance is the best in engineering plastics, water absorption is only 0.07%
- 5) Flame retardant performance is ul94v-1
- 6) Good processing performance
- 7) It belongs to non crystalline polymer, without large shrinkage caused by crystallization, and can be made into high-precision products
- 8) PPO has a variety of modified products, which are flame-retardant, flame-retardant reinforced, special (heat-resistant 170 °C) conductive, high impact resistance, high flow and oil resistance, alloy type

3. Application: automotive, electronic, mechanical, chemical, medical and other industries, such as machinery, electronic parts, electrical insulation materials

4. Main performance parameters of Polyphenyleneoxiole Stick, Board

ITEM	UNIT	VALUE
Density	g/cm ³	0.96~1.06
Melting temperature	°C	257
Service temperature	°C	-127~121
132 °C high pressure vessel flushing treatment 200 times		No significant change in tensile and impact strength
Creep rate	2Mpa, 3000h	0.75%

5. Specification, board: 1000*500*10~100mm, stick 1000*φ10-150mm

6. Good feedback of product use effect, the products have been exported to South Korea, Oman, the United States, and India.

7. The manufacturer is a professional manufacturer and can provide complete product index test reports or third-party test reports.

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

Then let's contact with jinggan company

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