

PPA 美国杜邦 HTNFR52G30NH-BK337 增强级，耐高温，电子电器

产品名称	PPA 美国杜邦 HTNFR52G30NH-BK337 增强级，耐高温，电子电器
公司名称	京冀（广州）新材料有限公司
价格	71.00/千克
规格参数	PPA:增强级 HTNFR52G30:耐高温 美国杜邦:电子电器
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产品详情

应用：

由于PPA树脂的杰出的物理、热和电性能，尤其是适中的成本，使它有广阔的应用范围。这些性能和优良的耐化学性一起，使PPA成为汽车工业许多用途的候选者。趋向更好的空气动力学车身设计连同更高性能的马达，将提高发动机箱的温度，使传统的热塑塑料显得不尽适用。这些新的要求使PPA成为制作下述部件的候选材料之一：汽车前灯反光器、轴承座、皮带轮、传感器壳体、燃料管线元件和电气元件。

电气元件的发展方向是小型化和高温团结，如红外固结和汽相团结，这需要PPA的优越性能。阻燃级PPA具有优良的电性能、很高的HDT值、高的高温弯曲模量、能以较小的溢料加工成长的薄壁部件，因此适合于制作开关设备、连接件、电刷座和马达托架。

矿物填料级PPA用于反光表面和镀金属方面的用途，包括汽车前灯、装饰用管件和硬件。未经增强的冲击改性级PPA有较好的均衡机械性、高温性能。较高的韧性且这些性能受湿度的影响很小，其用途包括油田部件、军用品、体育用品、风扇叶轮和齿轮及个人安全用品。

Application:

Because of its outstanding physical, thermal and electrical properties, especially its moderate cost, PPA resin has a wide range of applications. Together with excellent chemical resistance, these properties make PPA a candidate for many uses in the automotive industry. The trend towards better aerodynamic body design, together with higher performance motors, will increase the temperature of the engine case, making the traditional thermoplastics seem

unsuitable. These new requirements make PPA become one of the candidate materials for manufacturing the following components: automobile headlamp reflector, bearing seat, pulley, sensor housing, fuel pipeline components and electrical components.

The development direction of electrical components is miniaturization and high-temperature consolidation, such as infrared consolidation and vapor phase consolidation, which requires the superior performance of PPA. Flame retardant PPA has excellent electrical properties, high HDT value, high high-temperature bending modulus, and can process thin wall parts with small overflow, so it is suitable for manufacturing switchgear, connectors, brush holders and motor brackets.

Mineral filler grade PPA is used for reflective surfaces and metal-plated applications, including automotive headlights, decorative pipe fittings and hardware. The unreinforced impact modified PPA has better balanced mechanical properties and high temperature properties. It has high toughness and these properties are slightly affected by humidity. Its uses include oil field components, military products, sports goods, fan impellers and gears, and personal safety products.