

# 耐低温PA66 德国巴斯夫 A3Z 低粘度 抗UV 冲击改性 耐寒 热稳定 耐油

产品名称	耐低温PA66 德国巴斯夫 A3Z 低粘度 抗UV 冲击改性 耐寒 热稳定 耐油
公司名称	京冀（广州）新材料有限公司
价格	32.00/千克
规格参数	PA66:耐低温 A3Z:耐油 德国巴斯夫:抗UV
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## 产品详情

在产品的设计时，一定要考虑吸湿性对几何稳定性的影响。为了提高PA66的机械特性，经常加入各种各样的改性剂。玻璃就是\*\*\*常见的添加剂，有时为了提高抗冲击性还加入合成橡胶，如EPDM和SBR等。PA66的粘性较低，因此流动性很好（但不如PA6）。这个性质可以用来加工很薄的元件。它的粘度对温度变化很敏感。PA66的收缩率在1%-2%之间，加入玻璃纤维添加剂可以将收缩率降低到0.2%-1%。收缩率在流程方向和与流程方向相垂直方向上的相异是较大的。PA66对许多溶剂具有抗溶性，但对酸和其它一些氯化剂的抵抗力较弱。

滑轮套、牛头刨床滑块、电磁分配阀座、冷陈设备、衬垫、轴承保持架、汽车和拖拉机上各种输油管、

活塞、绳索、传动皮带，纺织机械工业设备零雾料，以及日用品和包装薄膜等。

所不同的是尼龙66相邻分子间的氢键结合得更加牢固，因此它的熔点高达260，比尼龙6要高出40左右，耐热性能比较优越。

When designing products, it is important to consider the impact of moisture absorption on geometric stability. In order to improve the mechanical properties of PA66, various modifiers are often added. Glass is a common additive, and sometimes synthetic rubber such as EPDM and SBR are added to improve impact resistance. PA66 has low viscosity, therefore it has good fluidity (but not as good as PA6). This property can be used to process very thin components. Its viscosity is very sensitive to temperature changes. The shrinkage rate of PA66 is between 1% -2%, and adding glass fiber additives can reduce the shrinkage rate to 0.2% -1%. The difference in shrinkage rate between the process direction and the direction perpendicular to the process direction is significant. PA66 has solubility resistance to many solvents, but has weak resistance to acids and other chlorinating agents.

Pulley sleeves, planing machine sliders, electromagnetic distribution valve seats, cold aging equipment, gaskets, bearing cages, various oil pipelines on automobiles and tractors

Pistons, ropes, transmission belts, zero mist materials for textile machinery industry equipment, as well as daily necessities and packaging films.

The difference is that the hydrogen bonds between adjacent molecules of nylon 66 are more firmly bonded, so its melting point is as high as 260 °C, which is about 40 °C higher than nylon 6, and its heat resistance is relatively superior.