

# Smoothblend®

Colour Image Plastic Compound Sdn Bhd (Co.No. 527104-T)



Plastic Technologies Enlighten Life



## Wear Resistant Compounds 耐磨损改性塑料

Smoothblend® wear resistant compound offers superb lubricity by incorporating PTFE, Silicone and/or aramid fiber for applications demanding stringent wear resistant properties such as mechanical gears and moving mechanical parts. Smoothblend® compound is also formulated to meet stringent mechanical and thermal properties by incorporating reinforcing and/or mineral fillers. Smoothblend® compounds are made from engineering thermoplastics such as POM, PC, PA6, PA6/6, PPO etc.

This compounds help eliminate tedious and time consuming jobs relating to frequent physical external surface lubrication of machine and equipment moving components which results in highly durable and hassle free performance. Smoothblend® can also be formulated to be acid and corrosion resistance which makes it a far better alternative to metals.

Smoothblend®改性塑料是在树脂中均匀混合聚四氟乙烯、硅树脂、石墨、二硫化钼等其中的一种或几种复配以提供卓越的耐磨和内润滑性能。我们的工程师还可以在再混合玻璃纤维和矿物填料已达到所需的性能。Smoothblend®耐磨损改性塑料常采用的工程塑料，如POM、PC、PA6、PA6/6、PPO等。Smoothblend®耐磨损改性塑料免除了费时费钱的两次外润滑的工序，此类材料使设备和部件保持清洁，能长期使用，性能可靠。另外，内润滑的热塑性塑料无论在中性、酸性还是碱性的环境中，都有非常好的抗氧化性和抗腐蚀性，而金属零件在这些环境中都会遭到损坏。

特点：低磨损系数。

应用：打印机内部零件，数码相机，DVD放映机内部零件，轴承，滑片，齿轮，滑动部件。