



新一代環保布料 生質耐隆 11

生質耐隆11以100%蓖麻油提煉製成。源自植物提煉的生質素材取代傳統石化原料，可減少石油耗用及降低溫室氣體排放，且不改變原有的耐隆特性，是新世代的環保產品。

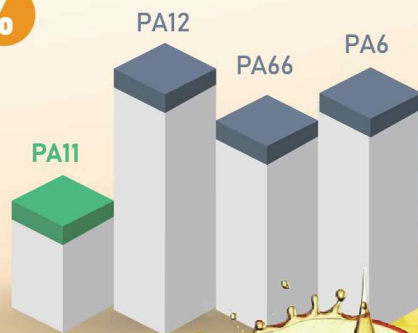
PA11

- ✓ 100% 生質材料
- ✓ 非糧食作物，無食物競爭問題
- ✓ 持續性農業耕作，短期輪作植物可自然重覆生產且易生長
- ✓ 製粒過程中產生的碳排放量與蓖麻生長時產出的氧氣中和

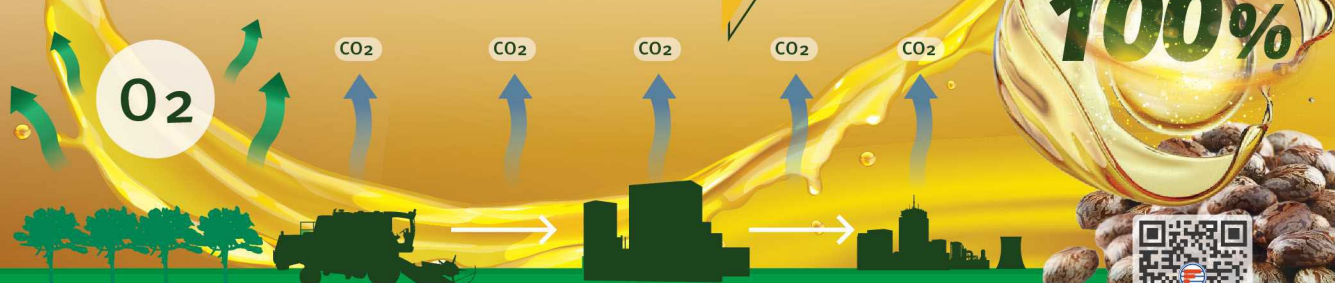
氣候變遷影響

Standard ISO 14040(kg eq. CO₂/kg)

-40%



碳排中和





New Eco Products

Bio-based PA 11

Bio-based PA11 is 100% made with castor oil. By using bio-based material, these new bio-based nylon can reduce the usage of petroleum and cut down carbon emission. Moreover, bio-based material would not change the original characteristic of Nylon; this is a new generation of eco products.

PA11



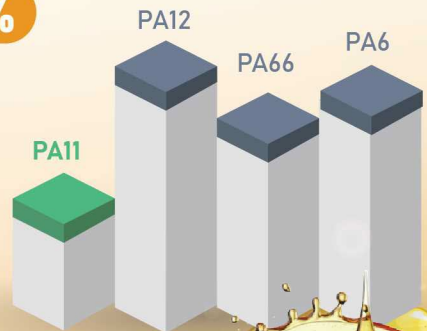
- ✓ 100% Biomass material.
- ✓ Non-food crops, no food competition issues.
- ✓ Continuous agricultural cultivation, short-term rotation plants, be naturally repeated production.
- ✓ Carbon emissions from the pelleting process are neutralized by the oxygen produced when the castor is grown.



CLIMATE CHANGE IMPACT

Standard ISO 14040(kg eq. CO₂/kg)

-40%



Carbon Neutral

O₂

CO₂

CO₂

CO₂

CO₂

CO₂

100%

Fertilizer

Growing

Harvesting

Transport

Oil pressing, processing and conversion

Transport

Polymerization

