福懋興業股份有限公司

ECO 新一代環保布料

生質耐隆 410

生質耐隆410 含有70%取自蓖麻油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。

PA410

- 含70% 生質材料
- 減少70%石化資源損耗
- 持續性農業耕作，短期輪作植物可自然重覆生產

- 非糧食作物，無食物競爭問題
- 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

Beta Analytic
TESTING LABORATORY

Beta Analytic, Inc.
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ISO/IEC 17025:2017-Accredited Testing Laboratory

Summary of Results - % Biobased Carbon Content
ASTM D6866-21 Method B (AMS)

Certificate Number: 514124652519128301
Validation:

Submitter	Stacey Huang
Company	Acelon Chemicals & Fiber Corporation
Date Received	April 18, 2022
Date Reported	April 23, 2022
Submitter Label	AceEco-Bio410 Yarn
RESULT:	72 % Biobased Carbon Content (as a fraction of total organic carbon)
Laboratory Number	Beta-625219
Percent modern carbon (pMC)	72.17 +/- 0.21 pMC
Atmospheric adjustment factor (REF)	100.0; = pMC/1.000

Precision on the RESULT is cited as +/- 3% (absolute). The cited precision on the analytical measure (pMC) is 1 sigma (1 relative standard deviation). The reported result only applies to the analyzed material. The accuracy of the RESULT relies on the measured carbon in the analyzed material having been in recent equilibrium with CO2 in the air and/or from fossil carbon (more than 40,000 years old) such as petroleum or coal. The RESULT only applies to relative carbon content, not to relative mass content. The RESULT is calculated by adjusting pMC by the applicable "Atmospheric adjustment factor (REF)" cited in report.

生質碳含量 72%
（佔總有機碳的一部分）

碳排中和

肥料	生長	收成	運送	榨油加工轉化	運送	聚合

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FORMOSA TAFFETA CO., LTD.

ECO

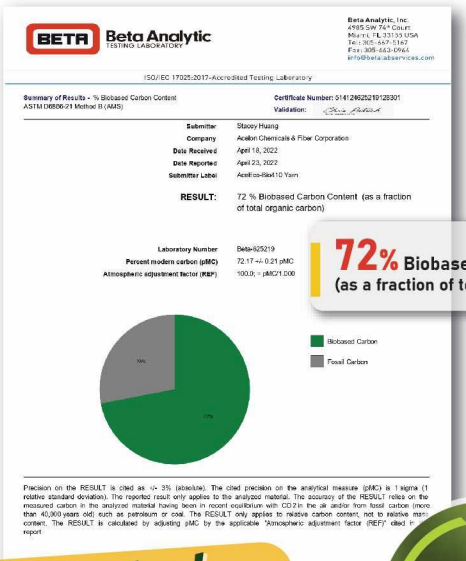
New Eco Products
Bio-based PA 410

Bio-based PA410 contains 70% of biomass material comes from castor oil which can be used as the alternative of petroleum. 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.

PA410

- Contains 70% Biomass material.
- Reduce the loss of petrochemical resources by 70%.
- Continuous agricultural cultivation, short-term rotation plants, be naturally repeated production.

- Non-food crops, no food competition issues.
- The carbon emissions produced during the pelleting process are neutralized by the oxygen produced as the plants grow.



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Summary of Results - % Biobased Carbon Content
ASTM D6866-21 Method B (AMS)

Certificate Number: 0141260252019128301
Validation:

Submitter	Stacey Huang
Company	Acelon Chemicals & Fiber Corporation
Date Received	April 18, 2022
Date Reported	April 23, 2022
Submitter Label	Acelon-Bio410 Yarn

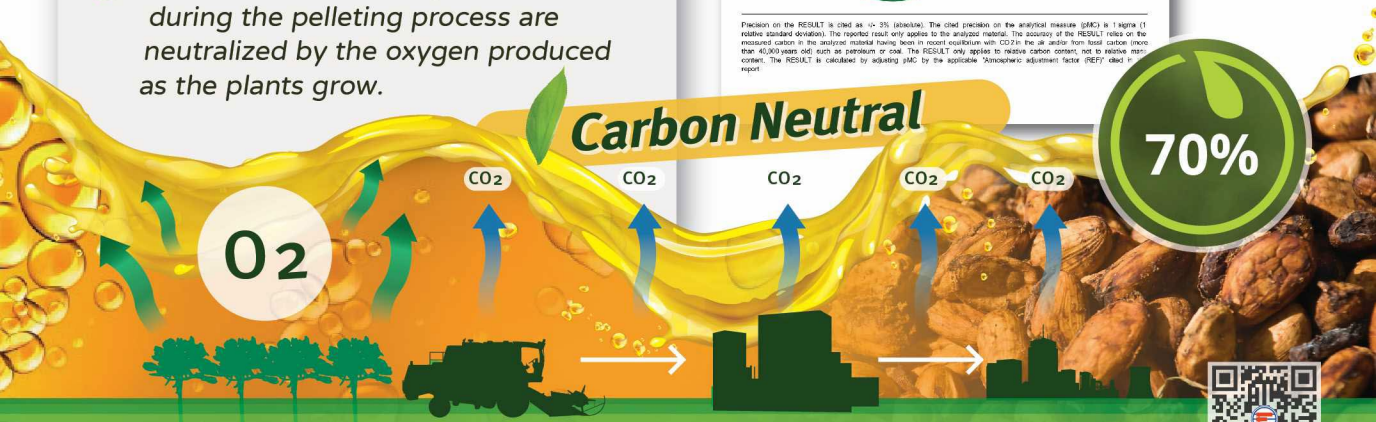
RESULT: 72 % Biobased Carbon Content (as a fraction of total organic carbon)

Laboratory Number	Beta-625219
Percent modern carbon (pMC)	72.17 +/- 0.21 pMC
Atmospheric adjustment factor (RAF)	100.0; = pMC/1.000

72% Biobased Carbon Content
(as a fraction of total organic carbon)

Biobased Carbon
Fossil Carbon

Precision on the RESULT is cited as +/- 3% (absolute). The cited precision on the analytical measure (pMC) is 1 sigma (1 relative standard deviation). The reported result only applies to the analyzed material. The accuracy of the RESULT relies on the measured carbon in the analyzed material having been in recent equilibrium with CO2 in the air and/or from fossil carbon (more than 40,000 years old) such as petroleum or coal. The RESULT only applies to relative carbon content, not to relative mass content. The RESULT is calculated by adjusting pMC by the applicable "Atmospheric adjustment factor (RAF)" cited in report



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