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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.

BETA Beta Analytic
THERMAL ANALYSIS

ISO/IEC 17025:2017-Accredited Testing Laboratory

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

Certificate Number: 51412620210128301
Validation:

Submitter:	Shooy Hsiang
Company:	Acelon Chemicals & Fibre Corporation
Date Received:	April 18, 2022
Date Reported:	April 22, 2022
Submitter Label:	Acelon-184110_Yarn

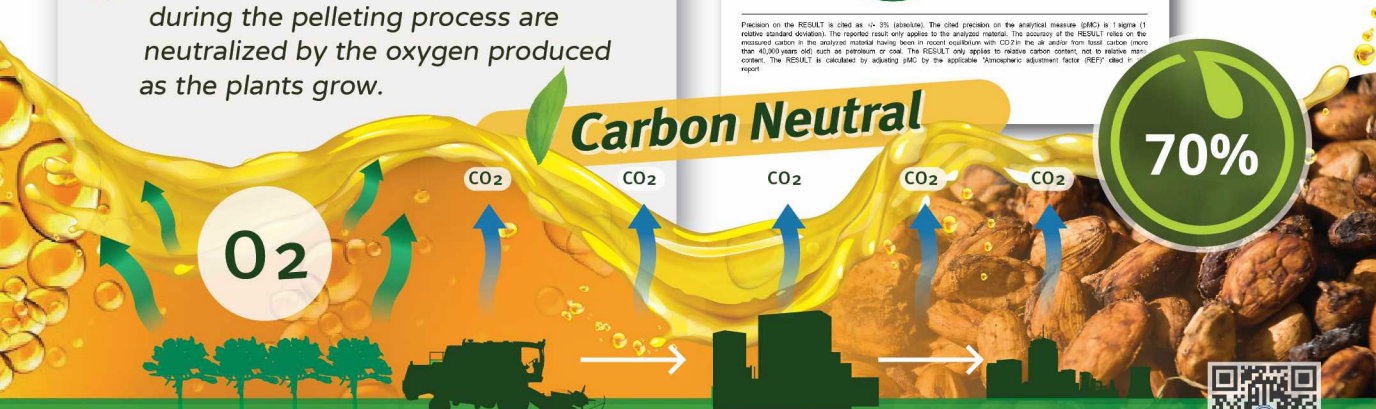
RESULT: 72 % Biobased Carbon Content (as a fraction of total organic carbon)

Laboratory Number:	Beta-025219
Percent modern carbon (pMC):	72.17 ± 0.21 (pMC)
Atmospheric adjustment factor (aPF):	100.0 ± 0.02 (1.00)

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

Legend:
■ Biobased Carbon
■ Fossil Carbon

Carbon Neutral



Fertilizer Growing Harvesting Transport Oil pressing, processing and conversion Transport Polymerization

