

CTC

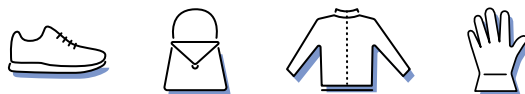


ars tintoria
Materials Laboratory



BIO-BASED MATERIAL ASSESSMENT

The answer to the consumers' needs
of information on renewable materials



CTC-ARS are pleased to offer a **brand-new method to assess the bio-based carbon content of materials** (leather, textile, plastics, new material using recycled plant waste, etc), that are used for consumer goods such as shoes, leather goods, apparel and gloves.

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BIO-BASED MATERIAL ASSESSMENT

Purpose

Following the European and French regulations (Decret 2022-748, April 29th, 2022), there is an absolute need to inform consumers on the characteristics, quality and environmental impact of consumer goods.

Answer

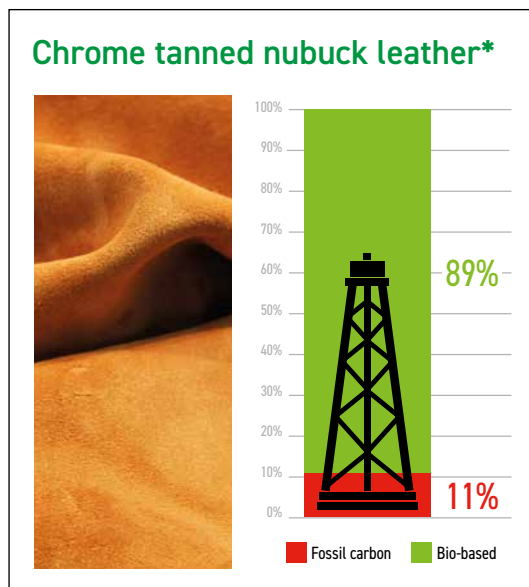
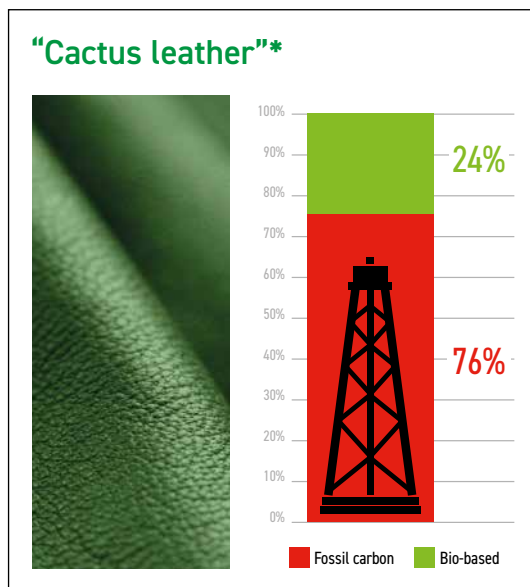
CTC-ARS offers a methodology on the basis of EN16640 standards for the assessment and the classification of materials according to their bio-based carbon content.

Evaluation grid of organic carbon level

Letter/Color	Percentage	Meaning
A	Above 80%	Mainly organic carbon
B	60% - 80%	
C	40% - 60%	Intermediate material (half organic / half fossil)
D	20% - 40%	
E	0% - 20%	Mainly fossil carbon



Example of results



*samples of materials used for car interior

The only scientific method able to measure bio-based materials

CSR tool

Innovative method

Analytic and Valuable Report

CTC-ARS Guarantees

CTC and ARS Services: expertise and technical support