



A World of Solutions



See the World Differently.

Here's what you know about traditional Polyethylene.

It's hazy.

Clouding your printed material.

It's soft.

Making it easy to leave indentations.

It's less tough.

Leaving your products more vulnerable to impact.

It's high-tear resistant.

Making your products difficult to open.



Now Meet
Dow's Biaxially Oriented Polyethylene

TF-BOPE Resin:
INNATE™ XUS 59910.08

Polyethylene Redefined



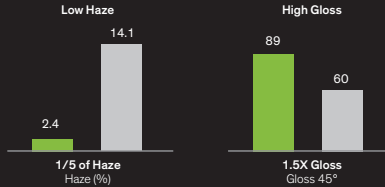
Dazzling

Shine that gives your product mass appeal.

Legend:

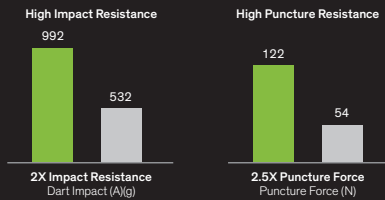
TF-BOPE 40 μm

Blown PE 90 μm



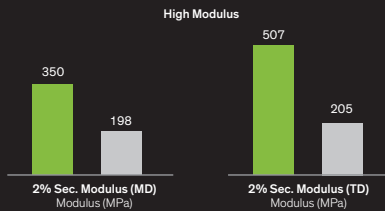
Durable

Safeguard your product from impact with a higher resistance.



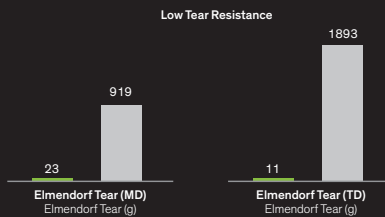
Impressive

Twice the stiffness with excellent color registration.



Friendly

Easy to tear and easy to recycle with a full PE structure.



Secure

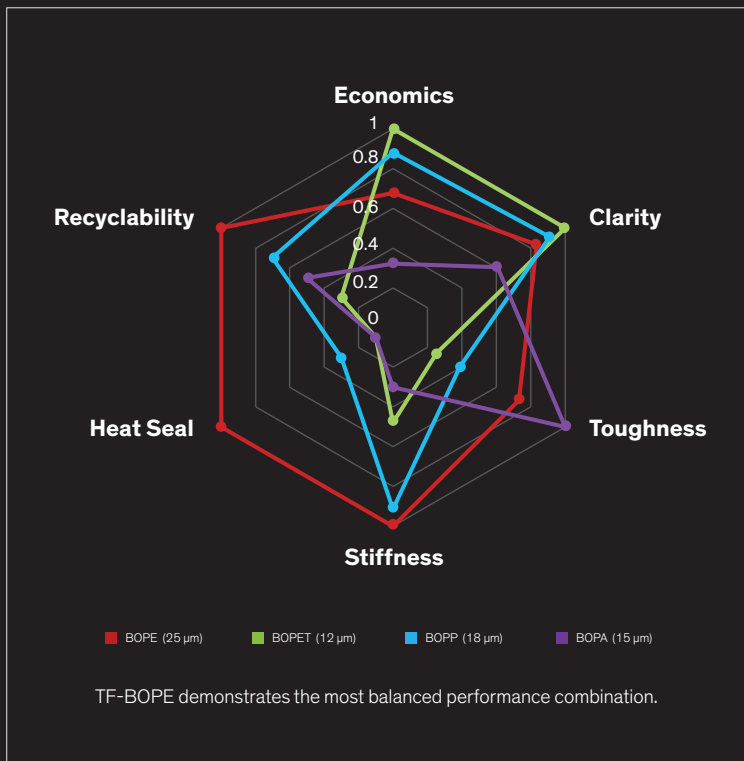
Use as a sealant layer to protect packaging integrity and prevent product leakage.

Get to know **Innate**™ XUS 59910.08

After decades of participation in the orientation film market, Dow has produced the TF-BOPE resin (1.7g/10min MI; 0.926 g/cm³ density) – a unique molecular architecture based on Dow's proprietary Solution process.

The polyethylene film comprises a stable 5×9 orientation made on an industrial scale BOPP line with a broad operation window, giving it outstanding physical properties and a narrow gauge variation so that your products get improved stiffness, toughness, optical properties and low temperature resistance.

TF-BOPE: The Optimal Performer



Create New Possibilities for You, Your Brand and Your Products



Polymer Substitution

BOPA, BOPP or BOPET replacement with easy handling and cost optimization.



A Fully Recyclable Structure

BOPE//PE lamination with excellent appearance.



Better Protection

BOPA//BOPE lamination with high puncture resistance.



Convenience of Usage

BOPET//BOPE easy-to-tear lamination.



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- use as a critical component in medical devices that support or sustain human life; or
- use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.

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