



Recyclability

 All-PE structure with excellent packaging performance



Appearance

- Excellent gloss, transparency, and haptics
- Matte surface option available
- Printability
- Touch and feel close to current PET lamination structure



Abuse resistance

- Superior film toughnessCan pass stringent drop tests*
- Packaging integrity and reduced waste



Packaging efficiency

Dow innovative asymmetric technology

Excellent shelf appearance and toughness in an all-PE pillow pouch for FFS lines

Heat seal temperature windows represent a well-known challenge for all-PE packaging. How to get strong seal strength, no shrinkage on the surface, and achieve high packing speed on modern FFS lines – all at the same time?

By using Dow's innovative asymmetric sealing technology, INNATE™ TF resinproduced BOPE film laminated with blown PE film (60-80µm) can meet the sealing window challenge. This success has enabled us to replace traditional PET//PE, BOPA//PE, BOPP//PE laminations in detergent powder, frozen food, and snack food pillow pouch applications.

Orientation (1.7g/10 min MI; 0.926 g/cm³ density) feature a unique molecular architecture that offers a wealth of benefits, including recyclability.

In this application, the resins provide sound packaging integrity with toughness and leak resistance, together with stiffness for FFS lines. Excellent printability and a choice of high-gloss or distinctive matte looks provide options for compelling shelf appeal. And as a recyclable, all-PE solution, they promote the sustainability desired throughout the marketplace.

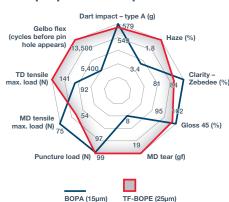
We call INNATE™ TF resins The Future of sustainable packaging. Why? Compared to traditional PE products, films made with INNATE™ TF resins:

- Achieve up to 80% less haze
- Have 2x the impact strength and tensile modulus
- Offer 3x the puncture resistance and tensile strength
- Allow dazzling optics for printing
- Are low-temperature resistant

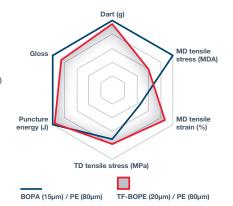
Let's talk about the future of your applications with INNATE™ TF resins.



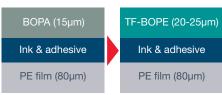
Film properties comparison



Lamination properties comparison



Structure





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