

SURPASS® HPs667-AB Resin

Homopolymer HDPE

Market Leading Barrier Performance

HPs667-AB | 6.0 MI | 0.968 g/cm³ Density
Single-Site Catalyst with Multi-Reactor Process

SURPASS HPs667-AB ultra-high barrier sHDPE resin delivers up to 50% improved moisture and oxygen barrier performance over traditional HDPEs. Ideal for cast film, extrusion coating, and lamination, it enables converters to enhance stiffness, customize solutions in-house, and support sustainability across dry food, snack, dairy, and liquid packaging applications.



**Excellent moisture barrier
in cast extrusion**



Flexibility in balancing **SHELF LIFE**
and **GAUGE REQUIREMENTS**.

**Allows for design flexibility in
moisture sensitive applications**



TRANSITION FROM PVDC
given environmental concerns.

APPLICATIONS:

Food packaging solutions designed for moisture-sensitive products—including dry goods, meat, cheese, ready-to-eat (RTE) foods—as well as release liners, molded barrier parts, and paper coatings.

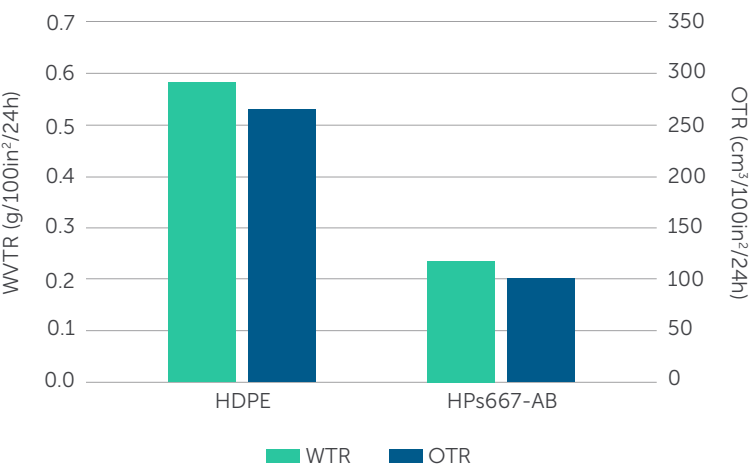
**Reliable supply through
operational excellence.**



Excellent moisture barrier in cast extrusion

- ✓ Increase moisture barrier performance by up to 50% with SURPASS HPs667-AB.

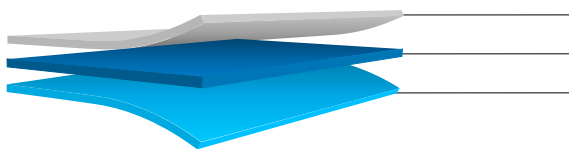
Cast extrusion — SURPASS HPs667-AB resin vs. conventional HDPE.
3-layer co-extrusion • 15% LDPE/70% HDPE or sHDPE/15% LDPE.



Allows for design flexibility to transition from PVDC given environmental concerns

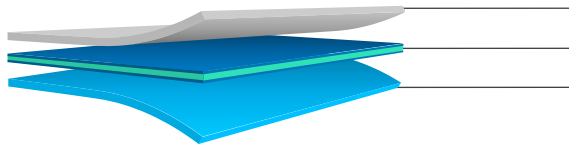
- ✓ Extrusion Lamination Films: Replacement of PVDC coated PET with standard (uncoated) PET extrusion laminated with SURPASS HPs667-AB in moisture barrier applications.

Structure with Coated PET



Layer %	Material
10%	PVDC coated PET, 50 gauge
35%	3-layer co-ex 100% LDPE 14 lb/ream (1.0 mil)
55%	Sealant film (2.0)

Structure with SURPASS HPs667-AB, uncoated PET



Layer %	Material
10%	Uncoated PET, 50 gauge
35%	3-layer 25/50/25 LDPE/ HPs667-AB /LDPE 15 lb/ream (1.0 mil)
55%	Sealant film (2.0 mil)



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We're reshaping plastics
to be our customers'
first and best choice.