

SURPASS® SPs116 Resin

Versatile Performance Octene LLDPE

Ultra-Versatile Performance

SPs116 | 1.0 MI | 0.916 g/cm³ Density

Single-Site Catalyst with Multi-Reactor Process

SURPASS SPs116 is a performance resin engineered with our Advanced SCLAIRTECH™ Technology, that delivers unmatched operational simplicity and flexibility. Its broad performance attributes enable converters to replace multiple resins—including metallocene LLDPE—with a single solution. Film producers can streamline high-performance structures, reduce inventory complexity, and minimize changeovers—lowering costs while improving efficiency.

Reliable sealing in demanding conditions



Enables SCALABLE, HIGH-QUALITY MANUFACTURING.

Trusted durability you can count on



PROTECTS EVERY PACKAGE—even at reduced gauges.

Maintain adhesion under stress



Provides STRONG FUNCTIONALITY as a tie-layer blend resin.

Clear optics for shrink films



CONSISTENT PERFORMANCE with VISUAL APPEAL.

APPLICATIONS:

Flexible packaging engineered for hot-fill products and a wide range of foods including liquids, frozen items, dry goods, meat, cheese, and poultry. Commonly used in stand-up pouches, shrink and stretch hood films.

Reliable supply through diversified geography.

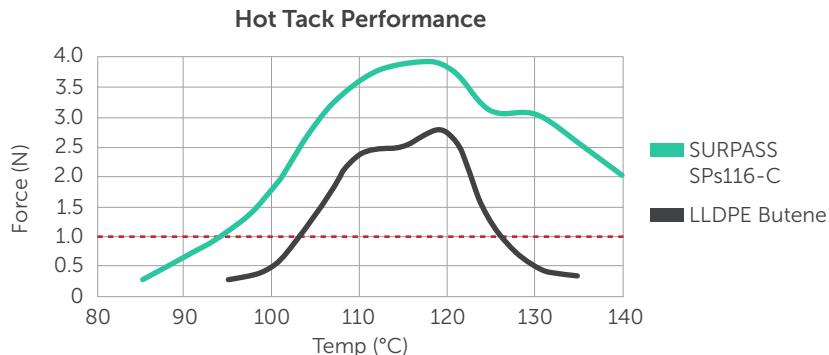


SURPASS® SPs116 Resin



Reliable sealing in demanding conditions

60% higher hot tack and broad seal window vs. LLDPE butene.



Trusted durability you can count on

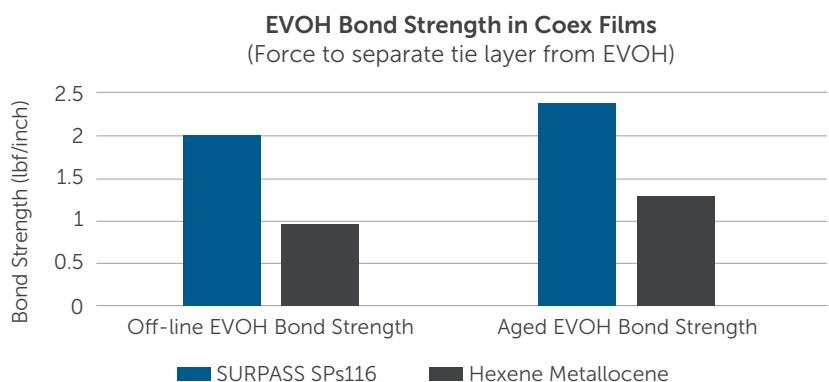
- Over +200% stronger tear strength and puncture.
- Improved dart impact of +595%.

Resin	Tear Strength MD (g/mil)	Low Friction Puncture	Dart Impact (g/mil)
SURPASS SPs116	270	105	695
LLDPE Butene	84	34	100
Improvement	+221%	+209%	+595%



Maintain adhesion under stress

Results in +105% better bond strength reducing delamination risk in tie layers.



Clear optics for shrink films

Delivers a polished, professional appearance that drives appeal.



Basic
For unprinted packages



Mid-Level
For printed and heavier packages



Premium
For corrugated and other material replacement

 **NOVA** Chemicals®

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