



Info Sheet
Flexible Films

SPs116 Resin

Ultra-versatile performance
packaging resin

Simplify your operations and reduce the cost of high-performance packaging.

SPs116 is part of new class of resins, developed with our Advanced SCLAIRTECH™ Technology, that enables operational simplicity and flexibility. The resin's breadth of properties allows converters to substitute SPs116 for a wide range of resins, including metallocene LLDPE. Film producers can simplify high-performance structures, rationalize inventory, and minimize film changeovers, reducing cost and operational complexity.



Sealability INSIDE LAYER

Combination of broad sealing window and dimensional stability enables repeatable lamination and filling operations.

- Low seal initiation temperature and broad seal window enable reliable sealing under a broad range of conditions
- Film stiffness helps maintain surface flatness for laminations



Durability ABUSE LAYER

Resin mechanical properties help ensure package integrity at reduced gauges.

- More than twice as tough as typical octene sealant resins
- 10% stiffer than typical metallocene LLDPE resins



Adhesion TIE LAYER

Excellent adhesion of packaging layers enhances product integrity by minimizing package leaks.

- Retains adhesion after challenging converting operations
- Protects barrier resin from flex cracking



Optics SKIN LAYER

Improved shelf appeal due to eye-catching optical properties.

- Low haze of 5%
- Gloss 45° measurement of 78

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Applications

Is SPs116 right for you? It's ideal for flexible film packaging applications including:

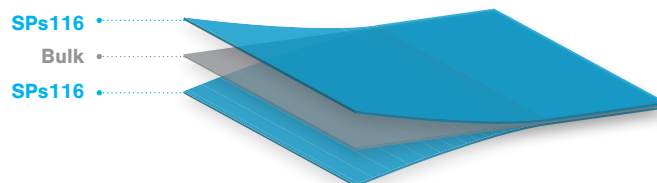
- Liquid, frozen and dry food packaging
- Meat, cheese and poultry
- Hot fill
- Shrink film
- Stand-up pouch



Sealability | Inside layer

Application: Lamination film for retail packages

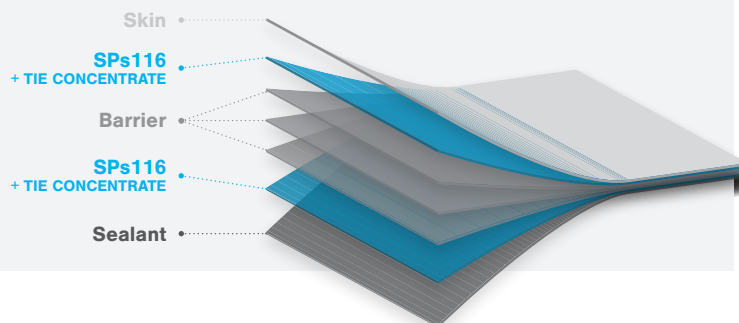
Surface flatness enables efficient lamination operations and consistent sealability on packaging equipment



Adhesion | Tie layer

Application: Oxygen barrier food packaging

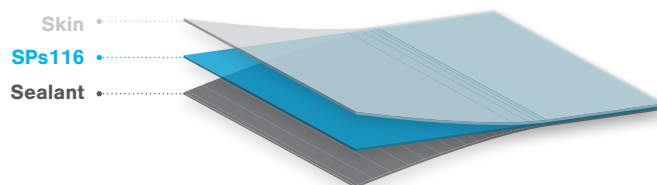
Adhesion properties enable package integrity and robust shelf life



Durability | Abuse layer

Application: Stock films for food packages including produce, bakery, and confectionery

Toughness and tear performance protect food throughout the supply chain



Optics | Skin layer

Application: Collation for beverage multipacks

High clarity allows collated goods to stand out on the retail shelf

