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

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

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

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

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
- Stand-up pouch
- Shrink film

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