



Advanced Polypropylene for CPP Sealant Films (High-Stiffness Grade / Ultra-Low SIT Grade)

Stage	R&D	Introduction consideration	Practical stage
Keyword	Monomaterial	Lightweighting	

Use	A Wide Range of CPP Sealant Films for Food and Industrial Packaging Applications
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Challenge	● Growing Demand for Reducing Plastic Usage through Packaging Downgauging ● Need for Enhanced Stiffness and Rigidity to Improve Packaging Quality ● Requirements for Higher Production Speeds and Improved Energy Efficiency in Pouch packaging Processes ● Challenges Associated with Thermal Deformation of Substrate Films in PP Mono-Material Packaging
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Solution

Introducing our advanced polypropylene solutions for sealant films:

- **High-Stiffness Grade** – Enhanced stiffness and package rigidity
- **Ultra-Low-SIT Grade** – Lower seal initiation temperature for improved processability and energy savings

HIGH-STIFFNESS GRADE

Downgauging

Shape Stability

ULTRA-LOW SIT GRADE

Higher Production Speed

Reduced Heating Damage

Benefit

- **High-Stiffness Grade** - Enables packaging downgauging and reduced plastic usage, while improving package shape stability.
- **Ultra-Low-SIT Grade** - Contributes to higher productivity and lower energy consumption in pouch packaging processes, while reducing thermal deformation of packaging materials.

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