

HOMO PP H680S

YUPLENE H680S is Homo PP Designed for high speed extrusion coating produced on T-die extrusion. YUPLENE H680S shows excellent coating processability, adhesive property, mechanical properties and heat resistance properties. YUPLENE H680S can be processed at relatively lower temperature than H680F.

YUPLENE H680S compiles with FDA regulation 21 CFR 178.2010 & 177.2600.

Application / Use Case

Extrusion Coating / woven coating

Specification

	Specification	Unit	Test Method
Melt Index	25.0	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
Film Thickness	20	μm	SK Method
Softening Point(Vicat)	145	°C	ASTM D1525
Tensile Strength at Yield	280	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	14,000	kg/cm ²	ASTM D790
Flexural Stiffness	14,000	kg/cm ²	ASTM D790
Hardness(Rockwell)	85	R Scale	ASTM D785
Heat Distortion Temperature	100	°C	ASTM D648
Gloss(45°)	55	%	ASTM D2457

Note)

- Superior heat resistance and stiffness to LLDPE
- Excellent coating processibility - neck - in & edge - bead etc.
- Excellent adhesion to substrate
- For high speed coating process

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