

SHANGHAI C&N INDUSTRIAL GROUP LIMITED

Heat Sealable PET Film for FRP Plate

Product name and model: Heat sealable pet film special for FRP plate

Product introduction:

601R,pet film with heat sealability, maintains thermal seal intensity, by adding the particular raw materials and applying the special manufacturing process.

Main application

Mainly used in the upper layer of FRP plate to increase its weather resistance.

Product key features

- good heat sealing effect
- high transparency
- uniform thickness
- smooth and flat surface
- good surface activity and mechanical aptitude

Standards

THICKNESS	STANDARD ROLL LENGTH	OTHER LENGTHS
15-20μm	4000m	2*4000m, 3*4000m, 4*4000m, or customer order
ROLL WIDTH: 800, 1000, 1200, 1400, 1500, 1900mm		
INNA DIA OFPAPER CORE: 76.2mm, 152.4mm		

Main properties

ITEM		UNIT	TYPICAL VALUE		TEST METHOD
NOMINAL THICKNESS		μm	15	20	ASTM D 374
TENSILE STRENGTH	MD TD	N/mm ²	180	180	ASTM D 882
			220	220	
ELASTIC MODULUS	MD TD	N/mm ²	4000	4000	ASTM D 882
			4800	4800	
ELONGATION	MD TD	%	120	120	
			85	85	
HEAT SHRINKAGE	MD TD	%	3.0	3.0	ASTM D 1204 190°C/10min
			2.0	2.0	
HAZE		%	3.0	3.5	ASTM D 1003
GLOSSY(45°)		-	110	110	ASTM D 2457
C.O.F(IN/OUT)		μs/μk	0.65/0.55	0.65/0.55	ASTM D 1894E
HEAT STRENGTH		N/15mm	2.5	2.5	140°C/400N/2S
HEAT TEMPERATURE		°C	120~180	120~180	

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UV Resistance Heat Sealable PET Film for FRP Plate

Product name and model: UV Resistance Heat Sealable PET Film for FRP plate

Product introduction:

601U-1,pet film with heat sealability, maintains thermal seal intensity, by adding the particular raw materials and applying the special manufacturing process.also has good UV resistance performance in the outdoor.

Main application

Mainly used in the upper layer of FRP plate to increase its weather resistance.

Product key features

- good heat sealing effect
- high transparency
- uniform thickness
- Anti UV
- smooth and flat surface
- good surface activity and mechanical aptitude

Standards

THICKNESS	STANDARD ROLL LENGTH	OTHER LENGTHS
15-20μm	4000m	2*4000m, 3*4000m, 4*4000m, or customer order
ROLL WIDTH: 800, 1000, 1200, 1400, 1500, 1900mm		
INNA DIA OFFPAPER CORE: 76.2mm, 152.4mm		

Main properties

ITEM		UNIT	TYPICAL VALUE		TEST METHOD
NOMINAL THICKNESS		μm	15	20	ASTM D 374
TENSILE STRENGTH	MD TD	N/mm ²	180	180	ASTM D 882
			220	220	
ELASTIC MODULUS	MD TD	N/mm ²	4000	4000	ASTM D 882
			4800	4800	
ELONGATION	MD TD	%	120	120	
			85	85	
HEAT SHRINKAGE	MD TD	%	3.0	3.0	ASTM D 1204 190°C/10min
			2.0	2.0	
HAZE		%	3.0	3.5	ASTM D 1003
GLOSSY(45°)		-	110	110	ASTM D 2457
C.O.F(IN/OUT)		μ _s /μ _k	0.65/0.55	0.65/0.55	ASTM D 1894E
HEAT STRENGTH		N/15mm	2.5	2.5	140°C/400N/2S
HEAT TEMPERATURE		°C	120~180	120~180	
UV TRANSMITTANCE		350nm	≤5.0	≤5.0	