

WSK

BOPP FILMS

WHITE OPAQUE HEAT SEALABLE BOPP FILM FOR CABLE INSULATION WRAP APPLICATION

**DESCRIPTION**

OPP WSK is solid white both side heatsealable **BOPP** film. It is specifically developed for cablewrap application. Excellent slip and antistatic properties along with good stiffness of this film provides excellent runnability on high speed cable wrap machines.

PRODUCT FEATURES

- Highly Opaque
- Good stiffness and mechanical properties
- Good antistatic and slip properties
- Water/oil/grease repellent
- Good Machinability on cable wrap machines

APPLICATIONS

Typically used for insulating cable over wrap

- Cable Insulation Wrap
- Industrial (general purpose)

	PROPERTIES	POSITION	WS20K	WS25K	UNIT	METHOD
GENERAL	Nominal Thickness	-	20	25	μ	Internal Method
	Density	-	0.91	0.91	g/cc	Internal Method
	Grammage	-	18.2	23.75	g/m ²	Internal Method
	Yield	-	54.9	42.1	m ² /kg	Internal Method
SURFACE OPTICAL	Transmittance	-	42	3.5	%	ASTM D 1003
	Gloss	-	50	95	GU	ASTM D 2457
	COF	Film/Metal	0.25	0.25	-	ASTM D 1894
	Static charge	-	1	1	kv	Internal Method
MECHANICAL	Wetting Tension	-	38*	38*	dyne/cm	ASTM D 2578
	Tensile Strength (at break)	- MD	1300	1300	kg/cm ²	ASTM D 882
		- TD	2700	2700		
	Elongation (at break)	- MD	180	180	%	ASTM D 882
THERMAL		- TD	70	70		
	Elastic Modulus	- MD	18000	18000	kg/cm ²	ASTM D 882
		- TD	32000	32000		
	Linear Shrinkage	- MD	4	4	%	ASTM D 1204
		- TD	2	2		
	Heat Seal Range	-	120-145	120-145	°C	Internal Method
	Heat Seal Strength	-	250	350	g/25mm	Internal Method (130°C/1sec/30psi)

* 36 dyne/cm guaranteed for 6 months from the invoice date in controlled ambient condition as per below storage guidelines.

The figures and above properties refer to typical values which are indicative only. Customers should verify the suitability of the film for its specific end use. Therefore this document will not represent a product specification.

GUIDELINES FOR STORAGE

Temperature should preferably be less than 30°C & humidity 55±5% in storage areas and material should be consumed within three months of receipt. OPP films should be allowed to reach operating room temperature 24 hours before use.

FOOD CONTACT

OPP films complies with the requirements of FDA, EC & REACH regulations. Specific documentation is available on request.

SAFETY

Compliance with industrial health and safety standards. OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health & safety regulations are observed. Relevant guidelines can be found in our MSDS (available upon request).

CAUTIONS

- Film characteristics are maintained for six months from the date of invoicing