

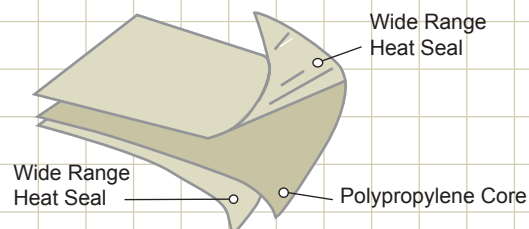
PennPac

Providers of Flexible Packaging Solutions

BCSN

BIAXIALLY ORIENTED POLYPROPYLENE

- Clear
- Two Side Heat Sealable
- Non Treat
- Controlled Slip



Characteristics

- Low seal initiation both sides
- Excellent hot tack
- Resistant to most oils, grease & solvents
- Antistatic treatment
- Glossy appearance

Applications

- High speed vertical form- fill & seal
- High speed horizontal flow wrap
- Box and carton over-wrap

Typical Values

Properties	Procedure	Unit	70	80	100	120	140
THICKNESS	DIN 53370 23°C (73°F) / 50% r.h.	Mil	0.67	0.79	0.99	1.18	1.38
		Micron	17	20	25	30	35
YIELD		Sq in/lb	45,500	39,000	31,000	26,000	22,000
SEAL STRENGTH	266 °F/0.5 sec	g/in	310	340	340	430	430
COEFFICIENT OF FRICTION (film/film)	DIN 53375 23°C (73°F) / 50% r.h.	Non Treat Side	0.30	0.30	0.30	0.30	0.30
HAZE, Gardner	ASTM D1003	%	1.8	1.8	1.8	1.8	1.8
GLOSS, Gardner	ASTM D2457	%	85	85	85	85	85
HEAT SEAL RANGE			°F				
WATER VAPOR TRANSMISSION	ASTM 1249 38°C (100°F) / 90% r.h.	g/100 sq in/ day	0.5	0.4	0.31	0.28	0.26
		g/sq m / day	7.75	6.2	4.8	4.34	4.03
OXYGEN PERMEABILITY	ASTM D 3985 23°C (73°F) / 0% r.h.	cc/100 sq in/ day	140	130	110	95	78
		cc/sq m / day	2170	2015	1700	1475	1209
TENSILE STRENGTH	DIN 53455 23°C (73°F) / 50% r.h.	psi MD	20,300	20,300	20,300	20,300	20,300
		TD	40,600	40,600	40,600	40,600	40,600
ELONGATION AT BREAK	DIN 53455 23°C (73°F) / 50% r.h.	% MD	160	160	160	160	160
		TD	40	40	40	40	40
PROPAGATIONAL TEAR STRENGTH	DIN 53363 23°C (73°F) / 50% r.h.	g/mil MD	40	40	40	40	40
		TD	20	20	20	20	20

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