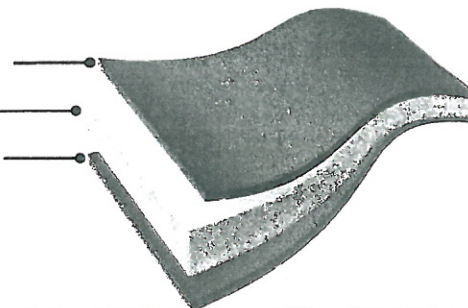


Treated heat-sealable layer  
Transparent OPP core  
Heat-sealable layer



BCT is a bi-axially oriented polypropylene film with both sides heat-sealable, especially with one side treated.

## Features and Applications

### Technical Characteristics:

- Excellent dimensional stability
- High heat-seal strengths
- High resistance to tear and low temperature
- Excellent optical characteristics (transparency and gloss)

### Specifications and Typical Applications:

- All-purpose
- Good barrier to odour and taste-free
- Good resistance to oil, gas and grease
- Low water vapour permeability
- Fit for food industry, good mechanical properties
- Excellent receptive for printing

## Technical Data Sheet (Typical Values)

Nominal Thickness ( $\mu$ )	BCT 20	BCT 25	BCT 30	BCT 35	BCT 40	Unit	Measuring Method
Unit Weight	18.2	22.7	27.3	31.8	36.4	g/m <sup>2</sup>	ISO 4591
Average Yield	54.9	44	36.6	31.4	27.5	m <sup>2</sup> /kg	ISO 4591
<b>Tensile Strength</b>							
-machine direction	130	130	130	130	130	N/mm <sup>2</sup>	ISO 527-1/-3
-transverse direction	300	300	300	300	300	N/mm <sup>2</sup>	ISO 527-1/-3
<b>Elongation at Break</b>							
-machine direction	220	220	220	220	220	%	ISO 527-1/-3
-transverse direction	55	55	55	55	55	%	ISO 527-1/-3
Heat-seal Strength	2.0	2.0	2.0	2.5	2.5	N/15mm	bfan
<b>Heat-seal Range</b>							
-untreated (lower limit)	110	110	110	110	110	°C	bfan
-untreated (upper limit)	140	140	140	140	140	°C	bfan
<b>Coefficient of friction</b>							
-(film/film) (dynamic)	0.30	0.30	0.30	0.30	0.30		ISO 8295
Surface tension treated side	>=36	>=36	>=36	>=36	>=36	mN/m	ISO 8296
<b>Gloss</b>							
- at -20°C (treated side)	90	90	90	90	90	Gloss Unit	ISO 2813
Haze	1.8	1.8	2.2	2.2	2.2	%	ASTM D 1033
Standard Length	21,000	16,800	14,100	12,000	10,500	m	

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