



## A&O FilmPAC barrier film type

## BC10-OPP-NG

**Properties of BC10:** Base film is clear OPP. A-side is printable acrylic coated; B-side is heat sealable high level barrier PVDC coated. It has excellent oxygen, flavour and aroma barrier. OTR is fairly good, WVTR is excellent. Clarity is good.

**Typical applications of BC10:** When laminated to PE or CPP the film is suited to packing moisture sensitive bakery products, biscuits, confectionery, pet food and snacks. Acrylic layer is designed for surface printing. PVDC side is recommended for lamination or heat sealing if applicable.

**Colour:** Clear, natural

**Surfaces:** A-side gloss, B-side gloss

**Available  $\mu$ :** 25, 31, 38

**Sample thickness:**  $\mu$  25

**Typical laminating configuration:** BC10//ink//adhesive//PE or CPP or BC10//ink//adhesive//BC09

**Unsupported:** Plain BC10 or ink//BC10 or OL//ink//BC10

Property	Unit	Test Standard	Data		
Density	g/cm <sup>3</sup>	In-house	0.92		
Thickness	microns	In-house	25	31	38
Yield	m <sup>2</sup> /kg	In-house	41.7	33.9	27.1
Unit weight	g/m <sup>2</sup>	In-house	24.0	29.5	35.9
Tensile strength MD/TD	N/mm <sup>2</sup>	ASTM D882	130/250		
Elongation MD/TD	%	ASTM D882	160/50		
Thermal shrinkage MD/TD	%	GB/T12026 120°C, 2 min	-4.0/-2.0		
Surface tension (PVDC side)	Dynes/cm	BB/T13022	t.b.a.		
CoF factor AC/AC		ASTM D1894	0.25		
Haze	%		2.2	2.5	2.8
Gloss (45°)	%	GB/T 8807	100		
<b>OTR</b> 23° C, 0% RH	cc/m <sup>2</sup> x 24h	ASTM 3985	1.3		
<b>WVTR</b> 38° C, 90% RH	g/m <sup>2</sup> x 24h	ASTM F 1249	4.0	3.7	2.6
Seal strength N/15mm	127°C, 1.4 bar, 1s	In-house	3.4	3.6	3.6
Sealing temp. PVDC/PVDC	°C	In-house	100		

**A&O FilmPAC is a film & resin supply company in the plastic film industry.**  
**Our aim is to set the highest possible standard of**

- **Product quality**
- **Product presentation**
- **Application know-how**
- **Application support**
- **Stocking policy**
- **Customer care**

CPP, OPA & PLA & PET film and sheet. Barrier film: PVDC coated, metallised and multi-layer

**People:** We aim for harmonious relationships with employees, customers & suppliers

**Innovation:** We listen to customers' exact requirements and offer application-specific films

**Quality:** Our manufacturing partners are ISO 9001 certified.

**Service:** Keeping our promises and quick response to customers is our strength

**A&O FilmPAC: Big enough to perform ~ Small enough to care**

A&O FilmPAC Ltd

7 Osier Way, Olney, Bucks, MK46 5 FP, U.K. Tel +44 844 335 0886 Fax +44 1234 713 221  
[www.barrierfilms.eu](http://www.barrierfilms.eu) [www.bioresins.eu](http://www.bioresins.eu) [www.aandofilmpac.com](http://www.aandofilmpac.com) E-mail: [sales@aandofilmpac.com](mailto:sales@aandofilmpac.com)