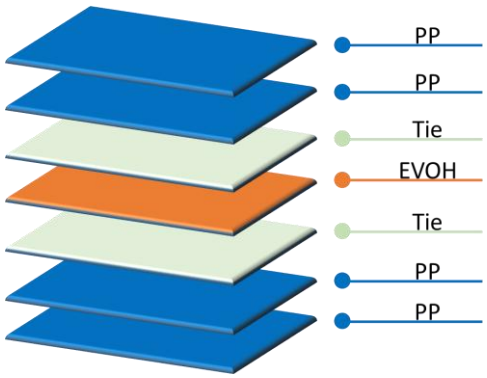
PRODUCT TECHNICAL DATASHEET

RCB-101-M



Product description
☑ High oxygen barrier MDO PP for printing

Particularities:
☑ Clear (low haze)

Applications:
☑ High oxygen barrier
☑ High stiffness
☑ Retort and sterilisable

CHARACTERISTIC	TEST METHODOLOGY	UNIT		VALUES Average
Thickness	Micrometer	Micron		**25**
Density	RC-Film Method	g/cm^3		0.97
Weight	RC-Film Method	g/m^2		24.0
COF dynamic	ASTM D-1894	NT/NT	Dynamic	0.50 - 0.70
	ASTM D-1894	T/T	Dynamic	0.50 - 0.70
Corona treatment side (one side or both side)	ASTM D-2578	$dynes/cm^2$		38
Non corona treatment side	ASTM D-2578	$dynes/cm^2$		<34
Oxygen transmission rate	ASTM D-3985	23degC 75%RH	cc/m2 day atm	<1
Water vapor transmission rate	ASTM F1249	23degC 90%RH	g/m^2 day	<10
Heat resistance	RC-Film Method	degC		200
Elongation at break	ASTM D-882	MD	%	100
		TD	%	10
Tensile strength at break	ASTM D-882	MD	kg/mm^2	13.0
		TD	kg/mm^2	1.5

MD : *Machine Directions* **T** : *Corona Tret*
TD : *Transverse Directions* **NT** : *Non Corona Tret*

Storage conditions:

- we recommend to store material in a dry environment at temperature not below 15 degC
- we recommend to use the material within 6 months from production
- we recommend to keep the film at room temperature for at least 24 hrs before using it