

Biodegradable OPP Bags	Ref: Opp Bags	
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1. Product Description

Rev Nov 2019

BOPP is a transparent, coextruded biaxially oriented polypropylene film. The material is made with the BDP masterbatch, designed to accelerate the biodegradation process without affecting the physical properties of the film.

Kindly note that under certain conditions the properties listed can be affected to a constant extent during transit, processing and final application.

This product must not be stored in direct sunlight. The product must be kept between 15-25°C and 40-60% relative humidity, at a distance of at least 1m from any heat sources.

2. Product Data

Properties	Test Method	Unit	Typical Value
Thickness	ASTM D 374	µm	40
Yield	ASTM D 4321	m ² /KG	27.5
Haze	ASTM D 1003	%	1.9
WVTR (23°C, 85% RH)	ASTM F 1249	g/m ² /day	<1.2
OTR (23°C, 0% RH)	ASTM F 1927	Cm ³ /m ² /day	<1600
Gloss (45°C)	ASTM D 2457	%	90
Tensile Strength At Break	ASTM D 882	N/mm ²	MD = 170, TD = 290
Elongation At Break	ASTM D 882	%	MD = 180, TD = 70
Thermal Shrinkage	ASTM D 2732	%	MD = 4, TD = 2
Coefficient Of Friction	ASTM D 1894	1	Film/Film = 0.3, Film/Metal = 0.2
Surface Tension	ASTM D 2578	Dyne/cm	36
Heatseal Range	ASTM F 88	°C	105 to 145
Heatseal Strength (120°C/Mpa/1sec)	ASTM F 88	N/15mm	2.5

3. Food & Drug Approved

We hereby certify that the above material is suitable for food contact applications and confirms to EEC, FDA, BGW regulations and to legislations in the main European countries incorporating European Regulation (EC) No 1935/2004