

BEFORE → PET BOPP

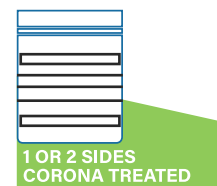
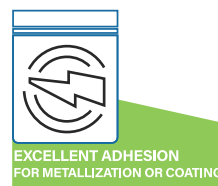
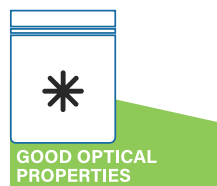
NOW → MDO PE



DESCRIPTION

MDO PE film with great barrier to water vapour and proper for converting industry. It is approved for lamination and printing (roto and flexo). Its use in lamination allows the production of mono material PE films with similar properties to conventional structures that use polymers of different natures.

PROPERTIES

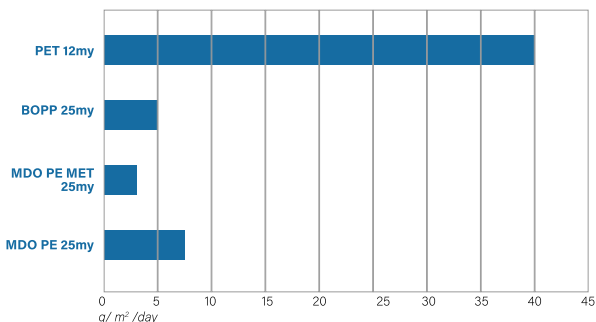


APPLICATIONS

Converting industry (lamination/ printing / bag converting)

WATER VAPOUR PERMEABILITY

WVTR 38°C/90%HR



TECHNICAL PROPERTIES OF MDOPE FILM

PROPERTY	UNIT	TYPICAL VALUE			METHODS
Thickness	µm	20	25	30	ASTM D 6988
Unit weight	g/m ²	18,6	23,3	28,1	ASTM D 646
Yield	m ² /kg	53,8	42,9	35,6	ASTM D 4321
Tensile strength	MD	145-175			ASTM D882
	TD	10-25			
Elongation at break	MD	70-100			
	TD	600-800			
Young's Modulus	MD	1000-1200			
	TD	800-1000			
Slow rate penetration resistance	INT-EXT	7-9			ASTM F1306
Dynamic coefficient of friction	TS-TS	0,25-0,35			ASTM D1894
	NTS-NTS	0,30-0,40			
Type of treatment	---	CORONA			---
Surface tension (treated side)	TS	≥ 38			ASTM D 2578

MD - Machine Direction
 TD - Transversal Direction
 INT-EXT - Test performed from the inside to the outside.
 TS-TS - Treated side - Treated side
 NTS - NTS - Not Treated Side - Not Treated Side