

## FLEXIBLE PACKAGING - Metallised Copolymer Based

COVEME Copol M/P (D) 12 $\mu$  is a biaxially oriented Polyethylene Terephthalate Film metallised on Copolyester Treated side, other side plain.

COVEME Copol M/P (D) 12 $\mu$  has been designed for flexible packaging applications where outstanding barrier properties and enhanced metal adhesion is required.

PROPERTY	TYPICAL VALUE	UNIT	METHOD
Thickness	11,4- 12,6	$\mu$	Internal Method
Density	1,395 - 1,405	g/cm <sup>3</sup>	ASTM D 1505
Yield	59,5	m <sup>2</sup> /kg	Internal Method
Tensile strength (md)	2000 - 3000	kg/cm <sup>2</sup>	ASTM D 882
Tensile strength (td)	2000 - 3000	kg/cm <sup>2</sup>	ASTM D 882
Elongation at break (md)	90 - 170	%	ASTM D 882
Elongation at break (td)	90 - 160	%	ASTM D 882
Heat Shrinkage (md) (150°C 30 min.)	1,0 - 2,5	%	ASTM D 1204
Heat Shrinkage (td) (150°C 30 min.)	0,0 - 1,0	%	ASTM D 1204
C.o.f. static	< 0,6		ASTM D 1894
C.o.f. kinetic	< 0,55		ASTM D 1894
Wetting tension Aluminum Side	> 50	dynes/cm	ASTM D 2578
Optical Density (D)	2,6 - 3,2	%	ASTM D 103
O <sub>2</sub> transmission Typical @ 23°C - 0% RH	< 0,9	cc/m <sup>2</sup> x 24h x atm	ASTM D 3985
Water Vapor Tr Typical @ 38°C - 90% RH	< 0,75	g/m <sup>2</sup> x 24h x atm	ASTM E 96

The technical specification are guaranteed for a period of 6 month from delivery.

The above information is given in good faith and is generally reliable. However, the customer will have to examine the suitability of the film for individual application. Hence no general or particular warranty for the applications of the film is offered by COVEME. The above information is liable to change due to innovation and improvement in the manufacturing process. COVEME assume no liability for any infringement of any patent, copyright or design on the part of the customer while exploiting the film for different end-uses.

Revision: July 2012

Coveme spa is UNI EN ISO 9001-2008 and ISO 14001 certified

