

FLEXIBLE PACKAGING - Metallised Corona Based

COVEME EMP M (C) 12 μ is a biaxially oriented Polyethylene Terephthalate Film corona treated one side and metallised on the reverse.
COVEME EMP M (C) 12 μ has been designed for converting, printing and lamination for flexible packaging applications, where excellent barrier properties is required.

PROPERTY	TYPICAL VALUE	UNIT	METHOD
Thickness	11,4 - 12,6	μ	Internal Method
Density	1,395 - 1,405	g/cm ³	ASTM D 1505
Yield	59,5	m ² /Kg	Internal Method
Tensile strength (md)	2000 - 3000	kg/cm ²	ASTM D 882
Tensile strength (td)	2000 - 3000	kg/cm ²	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
Wetting tension Corona Side	> 50	dynes/cm	ASTM D 2578
Optical Density (C)	2,2 - 2,5	%	ASTM D 103
O ₂ transmission Typical @ 23°C - 0% RH	< 0,95	cc/m ² x 24h x atm	ASTM D 3985
Water Vapor Tr Typical @ 38°C - 90% RH	< 0,8	g/m ² x 24h x atm	ASTM E 96

The metallised layer should be protected against humidity and scratching the technical specification are guaranteed for a period of 6 months 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.

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

