



POLYFILM

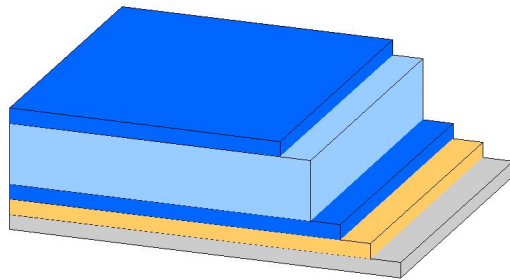
From the datasheet collection at <http://www.polyfilmambalaj.com>






Polyfilm Metallised Polyester Films

Type: GW 301 twistable metallised film 18my

Polyfilm GW 301 metallised composite polymer film is suitable for flexible packaging application. This film type has excellent twist and dead fold characteristics in particular developed for toffee, candy, lollipop wrapping applications. GW301 offers high gloss properties. Polyfilm GW 301 is an environmentally friendly chlorine free film.

Composition



-  modified surface
-  core
-  modified surface
-  corona treatment
-  metal deposit

treatment

GW 301 = metallised inside on corona treatment, plain outside

Typical Properties

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	18	Polyplex Method	
Yield	m ² /kg	39.80	Polyplex Method	
Unit weight	gr/m ²	25.13	Polyplex Method	
Density	gr/cm ³	1.4	Polyplex Method	
Elongation at break	MD %	125	ASTM D-882	
	TD %	110		
Tensile strength	MD kg/cm ²	2600	ASTM D-882	
	TD kg/cm ²	2700		

Property	Units	Nominal	Method	Conditions
Optical Properties				
Gloss	%	820	ASTM D-2457-97	60°C Micro-TRY-gloss
Optical density	Gretag Macbeth	2.2	Polyplex Method	
Barrier Properties				
WVTR	gm/m ² /day	1.0	ASTM F-1249	37.7°C, 90%RH
OTR	cm ³ /m ² /day	1.2	ASTM D-2457-97	23°C, 0%RH

Standard Roll Presentation

Thickness μ	Core mm	Length m	outside diameter mm
18	76	6000	379
18	76	12000	530
18	152	24000	757
18	152	36000	921

Disclaimer

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