

### Product Information Sheet

#### Product

## Enviromex® PW12R

#### Product Description

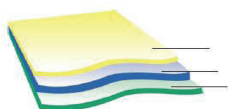
Enviromex® PW12R is a 100% recyclable crystal clear carton window film which has a chemical treatment on both sides to promote adhesion to inks and adhesives (self-test recommended). Enviromex® PW12R grade polyester film incorporates at least 30% post consumer recycle (PCR) and has been designed to the needs of many sustainability programs. In addition the food contact approval allows it to be used in food contact applications.

Available in thicknesses 36, 50 and 71 micron.

#### Key Features

- Excellent clarity, 100% recyclable
- Ideal for carton window patching
- Good adhesion to inks, coatings and adhesives

#### Structure of Enviromex® PW12R



Adhesion promoting surface  
Crystal clear recycled PET  
Adhesion promoting surface

Property	Test Method	Unit	Value
Film Thickness	-	micron	36 50 71
Film Yield	-	M <sup>2</sup> /Kg	19.8 14.3 10.0
Unit Weight	-	g/m <sup>2</sup>	50..4 70 99.4
Haze	ASTM D 1894-78	%	0.8 1 1.3
Tensile strength at break MD TD	ASTM D 822-83	Kgf/mm <sup>2</sup>	20 28
Elongation at break MD TD	ASTM D 1897-78	%	170 110
Upper melt temperature	ASTM E794-85	°C	255 – 260
Slip	ASTM D 1003-78	-	0.7 – 0.8
Shrinkage MD TD	at 150°C	%	1.0 0.3

'MD' - Machine direction. 'TD' - Transverse direction

#### Applications

Polymex® PW12R complies with EU food contact legislation 2002/72/EC, and amendments with FDA regulation 21 CFR 177.1630

The information above is given in good faith and should be considered as a guide not a specification.



BS EN 14644 : 1999  
CLEANROOM CLASS 8

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