

Product Information Sheet

Product

Polymex® PR172

Product Description

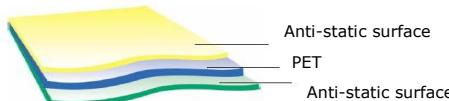
Polymex® PR172 is a crystal clear polyester film, chemically treated with anti-static coating on both sides. It is ideal for use in applications where anti-static properties and high transparency are required, such as montage, textile transfer and reprographics (*self-test recommended*).

Available in thicknesses ranging from 100 — 175 micron.

Key Features

- Antistatic properties with anti-dust effect on both sides
- Good for use in litho processes and as a planning foil

Structure of Polymex® PR172



Property		Test Method	Unit	Value				
Film Thickness		-	micron	100	125	145	165	175
Unit Weight		-	g/m ²	134.4	175.0	203.0	231.0	245.0
Area yield			M ² /kg	7.4	5.7	4.9.0	4.4	4.1
Tensile Strength	MD	ASTM D 882	daN/mm ²	20	21	20	20	21
Elongation at Break	MD	ASTM D 882	%	135	140	140	140	145
Shrinkage	MD	-	%	1.4	1.5	1.6	1.56	1.6
	TD			0.3	0.5	0.6	0.6	0.7
Total Light Transmission		ASTM D1003	%	89	89	89	89	89
Gardner Haze		ASTM D1003	%	1.7	1.7	1.8	1.9	2.1
Roughness Ra		-	nm	14	12	13	14	13
Roughness Rz		-	nm	190	160	190	200	190
Half time decay		-	s	2.0	2.0	2.0	2.0	2.0

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

Applications

Polymex® PR172 polyester film performs well in litho printing and planning foil as well as an imaging and reprographic medium.

› +44 (0) 20 7740 9740
www.psggroupinternational.com



The above properties are typical and no warranty is given or is to be implied with respect to this information.