

# A190

## LASER POLYETHYLEENTEREFTALAAT (PET)

### Description

Laserprint is a polyethyleentereftalaat (PET) film with a by VanDerEng developed double sided coating which makes it well suited for printing full colour by laserprinters. Laserprint is writeable with a stylus, pencil or pen, so it can be used for many purposes. It is only available in a white colour. Other features of Laserprint are its high degree of toughness, impact-, tear-, and water resistance and chemical stability.

### Product properties

Weather resistance	✓ ✓ ○
Temperature resistance	✓ ✓ ✓
UV resistance	✓ ✓ ○
Chemical resistance	✓ ✓ ✓
Dimensional stability	✓ ✓ ✓
Opacity	✓ ✓ ✓
Scratch resistance	✓ ✓ ○
Recycle	✓ ✓ ✓



Temperature resistance



Temperature resistance



Scratch resistance



Recycle

### Printability

Thermo transfer printable	✓ ✓ ✓
Thermic printable	○ ○ ○
UV Flexo printable	✓ ✓ ✓
Digital printable	✓ ✓ ✓

✓ ✓ ✓ Very good    ✓ ✓ ○ Good    ✓ ○ ○ Limited    ○ ○ ○ Not suitable

### Applicable to

Laser sheet, labels, looplock labels and pot sticklabels

### Product composition

Film Material: polyethyleentereftalaat | Film Thickness: 185 microns +/- 5%

**Technical specifications**

Property	Unit	Value
Thickness	µm +/- 5%	185
Basis weight	g/m2 +/- 5%	260
Opacity	%	> 90
Whiteness	%	> 84
Elongation at break	%	> 800 (MD) > 900 (TD)
Tensile strength	N/mm2	20
Tensile strength	N/mm2	26
Elmendorf Tear	mN	> 2400 (MD) > 16000 (TD)
Temperature resistance	°C   °F	Celcius to 190 °C   Fahrenheit 374 °F
Food contact	n/a	
Storage guideline	This product should be stored, handled and used in accordance with good industrial hygiene practices (2023/2006 EC). Store in cool, dry, well ventilated area.	

**Warrenty / Liability**

The specification values and above information are according to our current experience. The suitability of the product for use under particular physico-chemical and environmental conditions for the intended application must be checked by the user / customer. As long as there is no contradiction to the laws and regulations applicable, any questions in connection with warranty/liability are governed by our General Terms and Conditions of Sale. As we are continuously endeavouring to upgrade the product, we reserve the right to change the specifications as and when required.

**Disclaimer**

Values shown in this document are averages only. For legal reasons, we emphasize that the information on this data is available as is and that Altec gives no guarantees with respect to the accuracy and completeness nor with respect to interpretations made on the basis of this information.