

TECHNICAL DATASHEET

POLYPROPYLENE FILM

Polypropylene film is a mechanically resistant polymer, light weight, flexible in fine thicknesses and resistant to many chemical solvents, bases and acids. It has properties similar to polyethylene (PE), but with a higher softening point. You can perform specific treatments, such as crown treatment on both sides and can also have UV protection.

ADVANTAGES POLYPROPYLENE FILM

- Ecological and recyclable, complying with REACH regulations.
- Low density.
- Light.
- Flexible.
- Resistant to chemical agents.
- It does not emit chlorinated gases when burned.
- Suitable for digital printing with crown treatment.

TYPES AND FORMATS

The polypropylene film has a thickness from 280 microns to 2 mm and is presented in sheet format of various sizes in black and white. It can be done with specific features and different colors on minimum order.

APPLICATION AREAS

- Promotional communication.
- Folders separators.
- Panels and screens.
- Promotional packaging
- Technical applications.

TECHNICAL SPECIFICATIONS – POLYPROPYLEN FILM

Properties	Value	Unit	Standar
Physical properties			
Density	0,93	g/cm ³	
Mechanical properties			
Elasticity module	ND	MPa	ISO 527-2
Tensile strength	ND	MPa	ISO 527-2
Elongation at break	ND	%	ISO 527-2
Izod, impact strength	ND	kJ/m ²	ISO 180
Surface strength	46 ⁽¹⁾	dynes	
Coefficient of thermal expansion	K ⁻¹	1.5 10 ⁻⁴	

Values referring to material in 500 µm.

(1) at the time of manufacture, the values decrease over time.