

## Technical specification

### Priplak 050

#### Description

The physical properties of the material will change with the temperature conditions. Near or below 0°C, the material will become brittle. Resistant to water, fats, alcohols and some solvents. May lose stiffness with increasing temperatures, it may also swell. These changes are noticeable around 70°C. Halogen free, non toxic and 100% recyclable.

Properties	Unit	Value	Test method
Thickness	Mm	0,8	
Colour		White	
Density	g/cm <sup>3</sup>	0,60 ± 0,01	
Flexural Elastic Modulus	MPa	850 ± 5%	ASTM D 790
Tensile strength at failure	N/mm <sup>2</sup>	>20	
Elongation at failure	%	>100	
Tensile impact test	kJ/m <sup>2</sup>	230	ISO 8256
Elmendorf Tear resistance	mN	5400 ± 3%	ISO 1974
<b>Compliance with legislation</b>			
Toy norm EN 71/3		Passed	
Food regulation directive 2002/72/EC		Passed	
Conif norm directive 1994/62/EC		Passed	
RoHS Directive 2002/95/EC		Passed	
Recommended temperature	°C	-20	
Melting point	°C	140	

This specification is given by our best knowledge and might be submitted to changes.