

PRODUCT DESCRIPTION

This laminate provides weld seals to polypropylene, DuPont Teijin Films offers another family of lidding films for sealing to polyolefines, such as polypropylene, polyethylene and polystyrene.

- Clear PET film
- Adhesive 2.2 g/m²
- Clear cast polypropylene co-polymer 35mu

PRACTICAL INFORMATION

50PP can be sealed at a wide range of temperatures between 160°C-185°C. The film seals instantly, but full seal strength is reached one hour after sealing.

DISPOSAL

Disposal of 50PP does not present special disposal problem laminated, coated printed or metallised, incineration with energy recovery is the most environmentally efficient recovery route. 50 PP can also be burned in an incinerator with normal refuse or can be buried as a relatively inert material in a landfill. The disposal method should comply with appropriate local and country regulations.

PROPERTIES	MEASUREMENTS	TOLERANCES	TESTING METHOD
General			
Actual Thickness	49 microns	+/- 1.5 micron	
Weight	51.2 g/m ²	+/- 2.0 g/m ²	
Yield	19.5 m ² /kg	+/- 1.5 m ² /kg	
Mechanical			
Tensile Strength @ break	MD: 4.6 daN/15mm, TD: 4.4 daN/15mm	+/- 1 daN/15 mm	NF ISO 527/3
Elongation @ break	MD: 110%, TD: 80%	+/- 10%	NF ISO 527/3
Permeabilities			
Oxygen	140 cc's/m ² /24hr.bar	Average over 3 measurements	ASTM D 3985, 23°C AND 0% RH NF H 00-044, 38°C AND 90%
Water Vapour	10 g/m ² /24hr		
Carbon Dioxide	880cc's/m ² /24hr.bar		