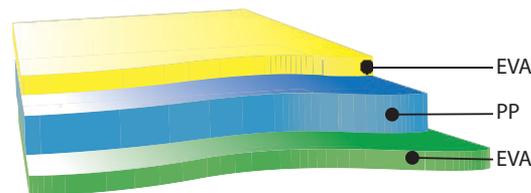


# Diawrap® Super AWE

## Stretch wrapping film

Diawrap® Super AWE is a polyolefin, multilayer co-extruded stretch wrapping film specifically designed for automatic/manual packaging applications of food. Please refer to our declaration of compliance to identify what types of foods can be in contact with this film

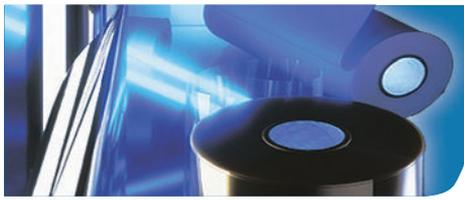
## Layer structure of Diawrap® Super AWE



## Typical properties

Property	Thickness $\mu\text{m}$	Units	Value		Test Method	Test Conditions
			MD	TD		
<b>MECHANICAL</b>						
Tensile strength	11.5	$\text{N}/\text{cm}^2$	3000	2300	Internal MCC Method	Test speed 200mm/min.; 23°C, 50% r.h.
Elongation at break	11.5	%	350	540	Internal MCC Method	Test speed 200mm/min.; 23°C, 50% r.h.
50% Tensile stress	11.5	$\text{N}/\text{cm}^2$	950	550	Internal MCC Method	Test speed 200mm/min.; 23°C
100% Tensile stress	11.5	$\text{N}/\text{cm}^2$	1200	600	Internal MCC Method	Test speed 200mm/min.; 23°C
Tear strength	11.5	$\text{N}/\text{mm}$	80	320	Internal MCC Method	Test speed 200mm/min.; 23°C, 50% r.h.
<b>BARRIER</b>						
Oxygen	11.5	$\text{cm}^3/\text{m}^2 \times \text{d} \times \text{bar}$	18200		DIN 53380-2	23°C, 0% r.h.
Water vapour	11.5	$\text{g}/\text{m}^2 \times \text{d}$	22.8		DIN 53122-2	23°C, 85% r.h.
Carbon dioxide	11.5	$\text{cm}^3/\text{m}^2 \times \text{d} \times \text{bar}$	75500		DIN 53380-2	23°C, 0% r.h.

\* MD = Machine direction, TD = Transverse direction



## Delivery program Diawrap® Super AWE

Thickness $\mu\text{m}$	Yield		Roll length $\text{m}$	Roll- diameter $\text{mm}$
	$\text{g}/\text{m}^2$	$\text{m}^2/\text{kg}$		
11.5	10.7	93.4	1 200	161

Core diameter: 76 mm (3"). Range of width: 300-450 mm

Notice: All the values listed in both "Typical properties" and "Delivery program Diawrap® Super AWE " should not be construed as specifications.

This data sheet reflects our state of knowledge at the time this was prepared. The purpose is to provide an overview of the characteristics of our products and their potential uses. It neither guarantees specific properties nor the suitability of products in specific applications. The user must observe industrial property rights, such as patents or trademarks. The quality of our products is covered by the terms of the General Conditions of Sale of MITSUBISHI POLYESTER FILM GmbH.