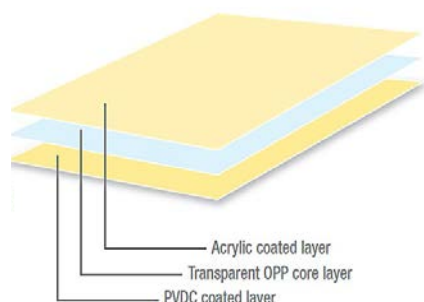


## COATED ACRYLIC PVDC POLYPROPYLENE TECHNICAL SHEET



- Excellent barrier to gas and aromas and outstanding sealing properties with PVDC, Wide sealing range with Acrylic
- Consistent machineability on a wide range of packaging machines
- Easy convertibility (printing and lamination)
- Excellent optical properties
- Water based coating

### MATERIAL

Transparent OPP film, one side Acrylic and one side PVDC coated.

### APPLICATION

Particularly suitable for applications where an increased shelf life of packed products is required, together with an attractive presentation.

### HEALTH & SAFETY

Material compliant with current legislation on food contacts.

Especially developed for food packaging and for meeting specific requirements regarding health and safety.

### STORAGE

The reels should be kept in their original packaging until used. It is recommended that films are stored below 30°C in order to minimize deterioration of film properties.

Properties	21	26	32	42	Unit	Measuring Method
Yield	48.9	40.0	32.8	25.3	m <sup>2</sup> /kg	Internal Method
Unit Weight	20.4	25.0	30.4	39.5	g/m <sup>2</sup>	Internal Method
Film Thickness	21	26	32	42	µm	Internal Method
Gloss (45°)	98	98	98	98	Gloss Unit	Internal Method
Haze	1.6	1.6	1.7	1.8	%	Internal Method
<b>Tensile Strength at Break</b>						
200 mm/min pull rate, 120 mm jaw separation						
MD	160	160	160	120	Mpa	Internal Method
TD	290	290	290	245	Mpa	Internal Method
<b>Dimensional Stability 135°C / 275°F, 7 min</b>						
MD	-6.0	-6.0	-6.0	-4.0	%	Internal Method
TD	-5.5	-5.5	-5.5	-2.0	%	Internal Method
<b>Elongation at Break</b>						
MD	175	175	175	175	%	Internal Method
TD	60	60	60	65	%	Internal Method
<b>Elastic Modulus</b>						
MD	2000	2000	2000	2000	Mpa	Internal Method
TD	3800	3800	3800	3500	Mpa	Internal Method
<b>Minimum Sealing Temperature</b>						
(Min 300g/25mm) PVdC/PVdC						
25N/cm <sup>2</sup> - 0,5 sec - Flat/Flat	100	100	100	100	°C	Internal Method
<b>Heat Seal Range (RDM)</b>						
RDM - 25N/cm <sup>2</sup> - 0.5 sec - Flat/Flat						
Acrylic/Acrylic	55	55	55	55	°C	Internal Method
RDM - 25N/cm <sup>2</sup> - 0.5 sec - Flat/Flat						
PVdC/PVdC	50	50	50	50	°C	Internal Method
<b>Coefficient of Friction</b>						
Acrylic/Acrylic	0.25	0.25	0.25	0.25		Internal Method
PVdC/PVdC	0.35	0.35	0.35	0.35		Internal Method
<b>Water Vapor Transmission Rate</b>						
38°C, 90% RH	5.0	4.2	3.8	2.9	g/m <sup>2</sup> /24 hr	Internal Method
<b>Oxygen Transmission Rate</b>						
23°C, 0% RH	20	20	20	20	cm <sup>3</sup> /m <sup>2</sup> /24 hr	Internal Method

TYPICAL PROPERTIES : these are not to be construed as specifications