

COATED ACRYLIC POLYPROPYLENE TECHNICAL SHEET

MATERIAL

Transparent OPP film, both sides
 Acrylic coated to provide a
 consistent high gloss performance.

Suitable for all types of packaging
 machines,
 for printing and high gloss
 lamination

HEALTH & SAFETY

Specially developed for
 packing foods and meets the
 specific requirements
 on health and safety.

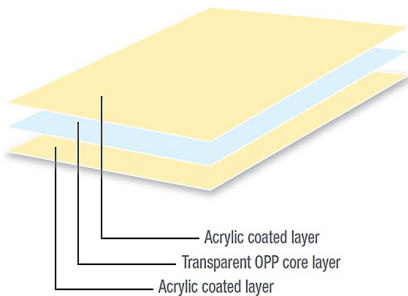
Complies with current US FDA
 and European food contact
 regulation.

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.

All films should be allowed to reach
 operation room temperature for 24
 hours before use.



- Low sealing threshold and excellent seal strength
- Outstanding hot tack
- Exceptional optical properties
- Water based coating
- Good aroma barrier
- Easy converting on both sides

Properties	CLG 20	CLG 25	CLG 30	CLG 35	CLG 40	CLG 50	Unit	Measuring method
Unit weight	17.7	22.3	26.8	31.4	35.9	45.0	g/m ²	ISO 4591
Average yield	56.5	45.0	37.3	31.9	27.9	22.2	m ² /kg	ISO 4591
Haze	0.9	1.0	1.1	1.2	1.3	1.6	%	ASTM D 1003
Gloss at 45°	90	90	90	90	90	90	gloss unit	ISO 2813
Heatseal strength	3.5	3.5	3.5	3.5	3.5	3.5	N/15 mm	Bogophane
Heatseal range								
(Acrylic / Acrylic)	90-145	90-145	90-145	90-145	90-145	90-145	°C	Bogophane
Coefficient of friction								
film/film (Acrylic), dynamic	0.20	0.20	0.20	0.20	0.20	0.20	–	ISO 8295
Tensile strength								
machine direction	120	120	120	120	120	120	N/mm ²	ISO 527 -1/-3
transverse direction	300	300	300	300	300	300	N/mm ²	ISO 527 -1/-3
Elongation at break								
machine direction	220	220	220	220	220	220	%	ISO 527 -1/-3
transverse direction	55	55	55	55	55	55	%	ISO 527 -1/-3
Water vapour permeability								
38 °C / 90 % r. h.	6.8	5.5	4.6	4.0	3.5	2.8	g / m ² /d	ASTM F 1249
Oxygen permeability								
23 °C / 0 % r. h.	1 300	1 000	850	750	650	500	cm ³ /m ² /d/atm	ASTM D 3985