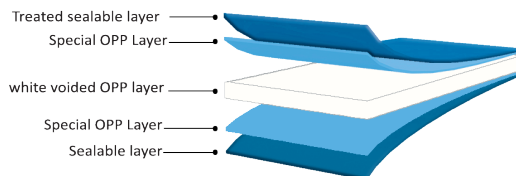


# UHE 421

# White voided BOPP Film

- Features:
- Excellent opacity, gloss and stiffness
  - Low density and high yield
  - Excellent hot tack and sealing strength
  - High speed packaging capability due to lower sealing temperature
  - Excellent ink and adhesive adhesion
  - Cost-saving converting process due to its natural solid white color

- Application:
- General purpose ,High speed, heat sealable, white opaque cavitated film for ice-cream, wafers, snacks, biscuits and packaging application wherever pearled effect is required.
  - White color of this film saves white base color print.



Specification	Test Method	Unit	Test direction	25 μ	30 μ	35 μ	40 μ
Wetting Tension	ASTM D 2578	Dyne/cm	-	≥ 36			
Density	POLILUX	gr/cm <sup>3</sup>	-	0.7			
Opacity	DIN 53146	%	-	70	72	75	78
Yield	ASTM D 4321	m <sup>2</sup> /Kg	-	57.1	47.6	40.8	35.7
Gloss	ASTM D 2457	%	-	85			
Tensile Strength	ASTM D 882	N/mm <sup>2</sup>	MD	80			
			TD	150			
Elongation at break	ASTM D 882	%	MD	160			
			TD	40			
Thermal Shrinkage	ASTM D 1204	%	MD	≤ 4			
			TD	≤ 2			
Heat Sealing threshold	ASTM F 88	°C	NN	≤105			
Dynamic C.O.F	ASTM D 1894	-	Film-Film	0.45			
			Film-Metal	0.3			

MD: Machine direction, TD: Transverse direction, N: Non-treated side

**Storage and Handling :** 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. The treatment level declines with time.

**Food Approval :** Polilux UHE 421 is appropriate to food contact regulation.

**Disclaimer :** Polilux does not guarantee the typical values. Any data included herein is based on the analysis of representative samples and not the actual product shipped.NO guarantee is made regarding information presented in this document. The user is solely responsible for all determinations regarding use and therefore Polilux denies any responsibility for any loss or damage that may occur from the use of this information.