

Selvol™ ULTALUX FA

Polyvinyl Alcohol

Sekisui Chemical Company, Ltd.

Message:

SELVOL™ ULTALUX FA polyvinyl alcohol (PVOH) provides performance and functionality in face masks and peels, BB creams, anti-aging creams and lotions, deodorants/antiperspirants and scar treatment formulations. Ultalux FA offers a defined spectrum of performance attributes formulators require to manufacture select personal care products efficiently and effectively. As part of the Ultalux range of PVOH, the FA grade is tested for high quality and purity and is verified as non-irritating on skin.

General Information		
Uses	Adhesives	
	Cosmetics	
Physical	Nominal Value	Unit
pH - Of a 4% aqueous solution	4.5 to 6.5	
Solution Viscosity - Of a 15% aqueous solution at 20°C	5.1 to 5.7	Pa·s
Adhesion to Glass	80 to 120	g
Mechanical	Nominal Value	Unit
Tensile Modulus ¹	11.0 to 13.8	MPa
Tensile Strength ²	12.4 to 15.2	MPa
Tensile Elongation ³ (Break)	> 200	%
NOTE		
1.	Tensile properties and adhesion were measured on films containing 12% PVOH and 3% glycerin after casting and drying in a controlled temperature and humidity room for 24 hours	
2.	Tensile properties and adhesion were measured on films containing 12% PVOH and 3% glycerin after casting and drying in a controlled temperature and humidity room for 24 hours	
3.	Tensile properties and adhesion were measured on films containing 12% PVOH and 3% glycerin after casting and drying in a controlled temperature and humidity room for 24 hours	

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