

Selvol™ ULTALUX FF

Polyvinyl Alcohol
Sekisui Chemical Company, Ltd.

Message:

SELVOL™ ULTALUX FF polyvinyl alcohol (PVOH) is a high molecular weight film former and adhesion promoter that can be used in a wide range of personal care applications including peelable masks, multipurpose creams, body washes and sun screens. As part of the Ultalux range of PVOH, the FF grade is tested for high quality and purity and has been determined to be non-irritating in skin care formulations.

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	22 to 26	Pa · s
Adhesion to Glass	100 to 140	g
Mechanical	Nominal Value	Unit
Tensile Modulus ¹	10.3 to 17.2	MPa
Tensile Strength ²	9.65 to 13.8	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
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