

Selvol™ ULTALUX FP

Polyvinyl Alcohol
Sekisui Chemical Company, Ltd.

Message:

SELVOL™ ULTALUX FP polyvinyl alcohol (PVOH) finds application in skin care masks and eye shadow, eye liners, mascara, and other color cosmetics applications. It is also ideal for instant lifts and other anti-aging formulations. The low solution viscosity of SELVOL™ ULTALUX FP makes it ideal for use in BB creams and other applications where multiple functions are required. Used in personal care formulations for decades, SELVOL™ ULTALUX FP is a cosmetic grade tested for high quality and purity and is non-irritating on skin in skin care formulations as verified by third party testing.

General Information		
Uses	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	270 to 310	mPa·s
Adhesion to Glass	80 to 120	g
Mechanical	Nominal Value	Unit
Tensile Modulus ¹	17.2 to 24.1	MPa
Tensile Strength ²	2.07 to 4.14	MPa
Tensile Elongation ³ (Break)	50 to 70	%
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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