

Sumikaflex 483HQ

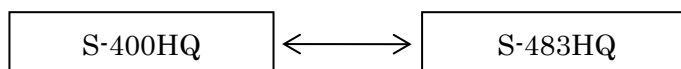
Type:	Ethylene Vinyl acetate Copolymer Emulsion	
Properties:	Sumikaflex 483HQ is a ethylene vinyl acetate copolymer emulsion with poly-vinyl alcohol as protective colloid. This product has great mechanical stability and its film has good washability.	
Main application:	Adhesive use	
Physical properties:		
Appearance		Milky white
Solid content (%)		55.0 ± 1.0
Viscosity (mPa·s)		500 – 1,500
pH		4.0 – 7.0
Ave.particle (μm)		0.6
Density (g/cm³)		1.07
MFT (°C)		0
Particle		Nonionic
Mechanical		Good
Tg (°C)		0
Tensile (MPa)		13.5
Elongation (%)		400

<Technical Information of Sumikaflex 483HQ>

1. Grade

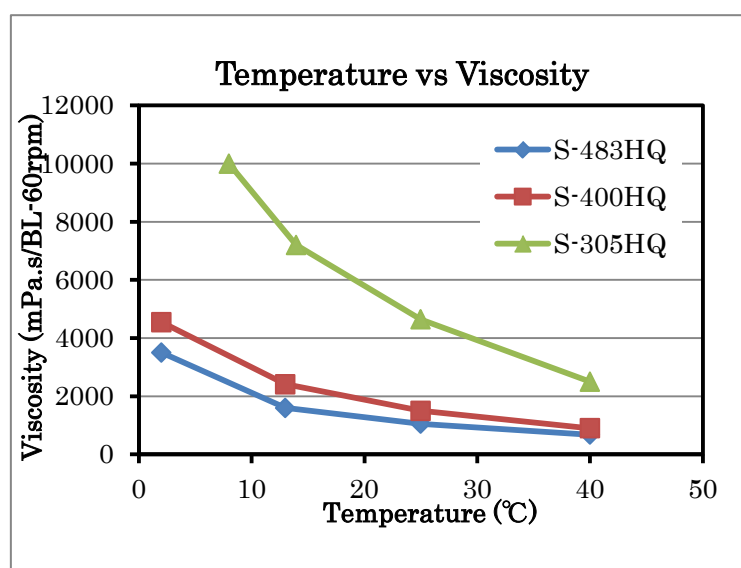
【 Standard type】

【 Machine Stability, washability】



2. Emulsion properties

	S-483HQ
Appearance	Milky white
Solid content (%)	55.0 ± 1.0
Viscosity (mPa·s)	500 – 1,500
pH	4.0 – 7.0
TI	0.3 – 0.4
Ave. particle size (μm)	0.6
Density (g/cm ³)	1.07
MFT (°C)	0
Particle charge	Nonionic
Mechanical stability	Good
T _g (°C)	0



3. Film properties

(1) Tensile strength

Item		S-483HQ	S-400HQ
Original	Elongation (%)	400	550
	Strength (MPa)	13.5	12.7
Wet	Elongation (%)	re-emulsified	600
	Strength (MPa)		3.3

Test method

Thickness of film: 0.15mm

Shape of film: Dunbell No.3

Film forming condition and aging: $23^{\circ}\text{C} \times 65\%\text{RH} \times 4\text{days}$

Measurement speed: 500mm/min

Wet: Film in water at room temperature for 24hours