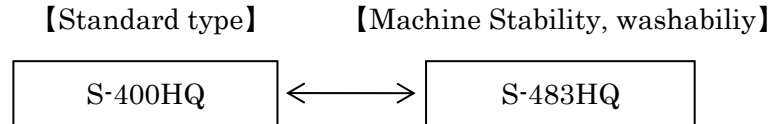


SUMIKAFLEX 483HQ

Type:	Ethylene Vinyl acetate Copolymer Emulsion	
Properties:	SUMIKAFLEX 483HQ (S-483HQ) is an ethylene vinyl acetate copolymer emulsion with polyvinyl alcohol as a protective colloid. This product has great mechanical stability, and its film has good washability.	
Main application:	Adhesives	
Physical properties:		
Appearance		Milky white
Solid content (%)		55.0 ± 1.0
Viscosity (mPa·s)		500 – 1,500
pH		4.0 – 7.0
Ave. particle size (μm)		0.6
Density (g/cm ³)		1.07
MFT (°C)		0
Particle charge		Nonionic
Mechanical stability		Good
Tg (°C)		0
Tensile strength (MPa)		13.5
Tensile elongation (%)		400

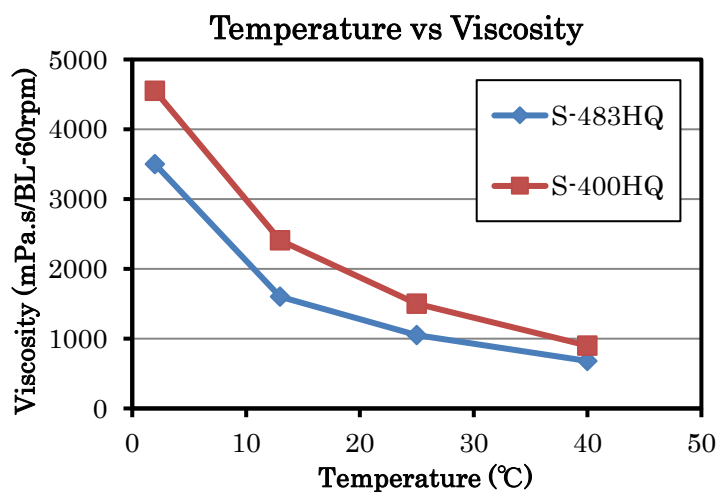
< Technical Information of SUMIKAFLEX 483HQ >

1. Grade positioning



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		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	: 0.15 mm
Shape of film	: Dumbbell No.3
Film forming condition and aging	: 23°C × 65%RH × 4days
Wet film strength	: Film in water at room temperature for 24 hours
Measurement speed	: 500 mm/min