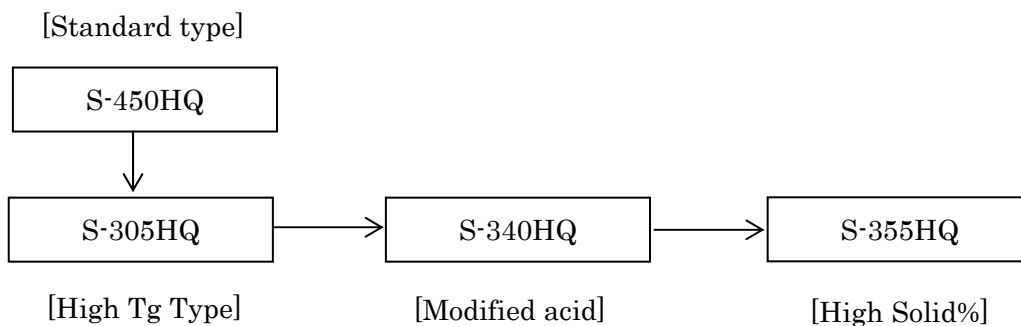


Sumikaflex 355HQ

Type:	Ethylene-Vinyl acetate Copolymer Emulsion
Properties:	Sumikaflex 355HQ emulsion is an improve grade of S-340HQ for high solid % and usability as an adhesives.
Main application:	Adhesives for all Construction and wood Paper container and craft
Physical properties:	
Appearance	Milky white
Solid (%)	55 ± 1
Viscosity (mPa·s)	500 – 2000
pH	4 – 7
Ave. Particle size (µm)	0.7
Density (g / cm ³)	1.08
MFT (°C)	3
Particle charge	Nonionic
Machine stability	Good
Tg (°C)	10
Film strength (MPa)	20.6
Film elongation (%)	420

< Technical Information of Sumikaflex 355HQ >

1. Grade positioning



2. Emulsion properties

		S-355HQ
Appearance		Milky white
Solid content	(%)	55 ± 1
Viscosity	(mPa·s)	500 – 2000
pH		4 – 7
Ave. particle size	(μm)	0.7
Density	(g/cm ³)	1.08
MFT	(°C)	3
Particle charge		Nonionic
Mechanical stability		Good
Tg	(°C)	10

3. Film properties

(1) Film tensile strength

Item		S-355HQ	S-340HQ	S-400HQ
Dry	Elongation (%)	480	550	420
	Strength (MPa)	21.0	12.7	18.0

Test method

Film thickness : 0.15 mm

(Film forming condition and aging: 23°C × 65%RH × 7 days)

Shape of film : Dumbbell No.3

Dry film strength : 23°C × 65%RH, measured after dried for 7 days

Wet film strength : Dipped film in water for 24 hr at 23°C, measured at wet condition

Measurement speed : 500 mm/min

(2) Polymer thermal flow property

