Test Item		Unit	Test Method	A grade		M grade	S grade								V grade		
				Thermoplastic Elastomer		Low-density Polyehylene	Ionomer								EVA		
				A100	A400	M200	S100	S111	S120	S650	S200	S300	S420	S500	V100	V200	V300
Properties (Dispersion)	Appearance	—	Visual judgement	Translucent white		Translucent white	Semi-transparent				Translucent white				Translucent white		
	Conc. Of Solid	%	JIS K6839	40	40	40	27	27	27	27	27	35	42	42	40	40	40
	pH	—	pH meter	9	9	9	10	10	10	10	10	10	9.5	9.5	8	8	8
	Viscosity	mPa·s	BM-type viscometer (6rpm)	5,000	8,000	5,000	500	400	50*2	100	600	400	150	150	7,000	7,000	7,000
	Particle Size	Mm	Coalter Counter Method	4	4	6	<0.1*	<0.1*	<0.1*	<0.1*	0.5*	0.5*	0.7*	0.7*	12	7	6
	Lowest Film Forming Temp.	℃	MCI Method	85	73	100	65	65	65	55	55	65	-	-	75	85	75
Properties (Resin)	Density	Kg/㎥	JIS K6760	890	885	920	950	950	950	950	950	950	960	960	950	940	940
	Tensile Strength	Mpa	JIS K6760	14	20	8	35	35	35	28	32	31	20	23	4.5	6.5	3
	Elongation at Break	%	JIS K6760	800	950	320	350	350	350	450	400	370	390	460	950	600	300
	Vicat Softening Point	℃	JIS K6760	60	55	75	60	60	60	55	55	65	56	51	<40	40	<40
Application				•Rub-off resistance Improver •Emulsion modifier		•Anti-Rub-off Improver •Slipping agent •Anti-blocking agent	•Heat-Sealing material for aluminium, paper and/or film •Coating material for metal •Waterbourn paint binder •Binder for non-woven fabric •Binder for thermal transfer printing •Emulsion modifier					•S111 contains a slipping agent •S120 has lower viscosity •S300 is often used for aluminum foil			•Emulsion Modifier •Heat-Sealing material for aluminium and/or paper •Anti-blocking agent •Rub-off resistance Improver for wood coating		

·The figures in the table above are typical values.

*Measured by MicroTrack

*2 60rpm