

Test Item	Unit	Test Method	Grade														
			Type A		Type M	Type S								Type V			
			Thermoplastic Elastomer		Low-density Polyethylene	Ionomer								Modified Ionomer	Ethylene Vinyl-acetate Copolymer		
			A100	A400	M200	S100	S111	S120	S200	S300	S650	S75N	SA100	V100	V200	V300	
Physical Properties (Dispersion)	Appearance	—	—	Translucent white		Translucent white	Semi-transparent			Translucent white		Semi-transparent		Translucent white	Translucent white		
	Conc. of Solid	%	JIS K 6839	40	40	40	27	27	27	27	35	27	24	35	40	40	40
	pH	—	pH meter	9	9	9	10	10	10	10	10	10	9	10	8	8	8
	Viscosity	mPa · s	BM-type viscometer	5000	8000	5000	500	400	50	600	400	100	100	50	7000	7000	7000
	Particle Size	μm	Coalter counter method	4	4	6	<0.1	<0.1	<0.1	0.5	0.5	<0.1	<0.1	<1	12	7	6
Lowest Film Forming Temp.	°C	MCI method	85	73	100	65	65	65	55	65	55	20	50	75	85	75	
Physical Properties (Resin)	Density	kg/m ³	JIS K-6760	890	885	920	950	950	950	950	950	950	1000	950	940	940	
	Tensile Strength	MPa	JIS K-6760	14	20	8	35	35	35	32	31	28	15	33	4.5	6.5	3
	Elongation at Break	%	JIS K-6760	800	950	320	350	350	350	400	370	450	240	350	950	600	300
	Vicat Softening Point	°C	JIS K-6760	60	55	75	60	60	60	55	65	55	40	55	<40	40	<40
Application			<ul style="list-style-type: none"> •Rub-off resistance improver for water-based ink •Emulsion modifier •Heat-Sealing material for foil and paper 	<ul style="list-style-type: none"> •Rub-off resistance improver for water-based ink •Slip agent •Anti-block agent 	<ul style="list-style-type: none"> •Heat-Sealing material for foil, paper and film •Coating Material for metal •Anti-block coating (S111) 	<ul style="list-style-type: none"> •Emulsion Modifier •Heat-Sealing material for foil, paper. •Anti-block agent •Rub-off resistance Improver for wood coating 											

The figures the above table are typical values