

Item	Unit	Test method	W type																	R1 type
			Low molecular weight polyethylene																	low density polyethylene
			W100	W200	W300	W308	W310	W400	WF4002	W4005	W501	W610	W500	WF540	W700	W800	W900	W950	M100	
Dispersion physical properties	Exterior	-	Milky white																	Milky white
	Solid concentration	%	JIS K 6839																	40
	pH	-	JIS method																	9
	Viscosity	mPa·s	B type viscometer***																	1000
	Particle size	µm	Coulter counter method																	3
Resin physical properties**	Minimum deposition temperature	°C	Mitsui Chemicals Law																	-
	Density	kg/m <sup>3</sup>	JIS K 6760																	970
	Penetration method hardness	-	JIS K 2207																	1
	Ring and ball softening point	°C	JIS K 2207																	126
	Melting point	°C	DSC method																	123
Vicat softening point	°C	JIS K 6760																	-	

Item	Unit	Test method	A type Thermoplastic elastomer								B type Ionomer								Y type Ethylene vinyl acetate copolymer resin				Other Special polyene type	Other Propylene-based	Other Special polyethylene
			A100	A400	S100	S111	S120	S200	S300	S500	S600W	SE50	Y100	Y200	Y210	Y300	HP400	EP151H	XSP589						
Dispersion physical properties	Exterior	-	Milky white								Translucent milky white								Milky white				Milky white		
	Solid concentration	%	JIS K 6839								40								40				35		
	pH	-	pH meter								9								9				10		
	Viscosity	mPa·s	B type viscometer***								5000								8000				500		
	Particle size	µm	Coulter counter method								4								4				0.4*		
Resin physical properties**	Minimum deposition temperature	°C	Mitsui Chemicals Law								85								73				85		
	Density	kg/m <sup>3</sup>	JIS K 6760								890								885				920		
	Penetration method hardness	-	JIS K 2207								-								-				-		
	Ring and ball softening point	°C	JIS K 2207								65								70				87		
	Melting point	°C	DSC method								60								55				60		
Vicat softening point	°C	JIS K 6760								60								55				60			

\*Particle size measurement for W4005, W900, W950 is done using Microtrack method.

\*\*Resin physical properties are values of the resin

\*\*\*W type and S120, EP151H, HP400, XSP589 have 60 rotational viscosity, other brands have 6 rotational viscosity