

Item	Unit	Testing Method	POLYMERIZATION TYPE											MODIFIED TYPE		
			High-Density Type				Low-Density Type							Acid-Value Type		
			800P	400P	200P	100P	720P	410P	420P	320P	210P	220P	110P	405MP	310MP	320MP
Molecular Weight	–	Viscometric Method	8,000	4,000	2,000	900	7,200	4,000	4,000	3,000	2,000	2,000	1,000	4,000	3,000	3,000
Density	kg/m ³	JIS K7112	970	980	970	950	920	950	930	930	940	920	920	960	940	930
Acid Value	KOH mg/g	JIS K5902	–	–	–	–	–	–	–	–	–	–	–	1.0	1.0	1.0
Crystallinity	%	X-ray Diffractometry	84	85	87	90	60	80	70	65	75	70	80	80	80	70
Melting Point	°C	DSC	127	126	122	116	113	118	113	109	114	110	109	121	114	107
Softening Point	°C	JIS K2207	140	136	130	121	118	122	118	114	120	113	113	128	122	114
Hardness (Penetration Test)	10 ⁻¹ mm	JIS K2207	1 ↓	1 ↓	1	2	3	2	3	7	4	13	25	1	3	7
Melt Viscosity	mPa·s cp	Brookfield Type Viscometer (140°C)	8,000	650	80	15	6,000	650	650	250	80	80	20	650	250	250
Characteristics			High hardness and softening point owing to high density and crystallinity				Low density and crystallinity which are attributable to low hardness and softening point							Good affinity for polar polymers, inorganic chemicals metals, etc. Emulsifiable (High Acid-Value Grades)		