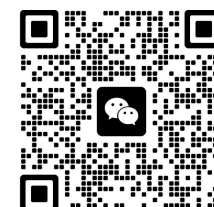


# UBE POLYETHYLENE (LDPE)



宇部丸善ポリエチレン株式会社

Grade	Item	MFR	Density	Tensile strength	Tensile elongation	Flexural strength (Olsen)	Hardness	Vicat softening point	Brittle temperature	Features	Applications
	Test Method	ASTM D1238	ASTM D1505	ASTM D638	ASTM D638	ASTM D747	ASTM D2240	ASTM D1525	ASTM D746		
	Unit	g/10min	kg/m <sup>3</sup>	MPa	%	MPa	(HDD)	°C	°C		
Film	F019	0.9	920	18	700	140	49	92	<-75	Toughness Processability	General packing
	F022NH	0.8	922	18	750	160	54	95	<-75	Additive-free	Shrink film
	F022	0.8	922	18	750	160	54	95	<-75	Transparency Toughness	General packing
	F022SE	0.5	924	20	750	170	55	96	<-75	Anti-static	Auto-packing
	F023	0.8	923	18	700	170	55	96	<-75	High transparency	Transparent Film
	F120N	1.2	920	18	750	160	54	94	<-75	Additive-free	General packing LL modification
	F222NH	2	922	16	600	150	54	94	<-75	Additive-free	General packing LL modification
	F222	2	922	16	600	150	54	94	<-75	Processability High transparency	General packing
	F224C	2	924	16	600	160	55	95	<-75	High transparency High glossiness	High transparent film
	F224N	2	924	16	600	160	55	95	<-75	High transparency Additive-free	High transparent film



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	Test Method	ASTM D1238	ASTM D1505	ASTM D638	ASTM D638	ASTM D747	ASTM D2240	ASTM D1525	ASTM D746		
	Unit	g/10min	kg/m <sup>3</sup>	MPa	%	MPa	(HDD)	°C	°C		
Film	F324C	3.5	924	15	580	160	55	95	<-75	High transparency High glossiness	High transparent film
	F320	3.5	921	15	550	140	50	93	<-75	Processability	General packing
	F522N	5	922	14	550	150	52	90	<-75	Additive-free	General packing Base resin of master batch
	F522	5	922	14	550	150	52	90	<-75	Flexibility	Thin film
	R300	0.35	920	21	750	150	54	93	<-75	Toughness Additive-free	Heavy duty packaging Shrink film Additive-free film, molding
	R500	0.5	922	20	750	170	55	96	<-75	High transparency Toughness	Heavy duty packaging Shrink film
	Z322	1	933	14	600	300	60	110	<-75	Stiffness Toughness Heat resistance Additive-free	Modification
	F234	2	934	13	600	290	59	109	<-75	Stiffness High transparency	Cast film Water quenching blown film
	Z372	5.3	934	12	550	280	58	108	<-75	Stiffness High transparency Additive-free	Cast film Water quenching blown film



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	Test Method	ASTM D1238	ASTM D1505	ASTM D638	ASTM D638	ASTM D747	ASTM D2240	ASTM D1525	ASTM D746		
	Unit	g/10min	kg/m <sup>3</sup>	MPa	%	MPa	(HDD)	°C	°C		
Lamination	L719	7.5	918	13	500	140	48	88	<-75	High speed extrusion coating even lower temp. Additive-free	Extrusion coating & lamination
	L518	5	918	13	500	140	48	88	<-75	High speed extrusion coating Additive-free	Extrusion coating & lamination
	C410	3.5	918	14	500	140	48	95	<-75	Toughness Additive-free	Extrusion coating & lamination
Blow molding	B028	0.4	927	19	700	200	57	102	<-75	Stiffness Glossiness	Blow molding
	B128	1	928	18	600	210	58	102	<-75	Stiffness Glossiness Additive-free	Blow molding
	B228	2	928	17	580	210	58	102	<-75	Stiffness Glossiness Additive-free	Blow molding



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Grade	Item	MFR	Density	Tensile strength	Tensile elongation	Flexural strength (Olsen)	Hardness	Vicat softening point	Brittle temperature	Features	Applications
	Test Method	ASTM D1238	ASTM D1505	ASTM D638	ASTM D638	ASTM D747	ASTM D2240	ASTM D1525	ASTM D746		
	Unit	g/10min	kg/m <sup>3</sup>	MPa	%	MPa	(HDD)	°C	°C		
Injection	J1019	10	917	12	450	130	47	87	-60	Stiffness Glossiness Additive-free	Injection molding
	J2522	20	919	9.5	350	130	47	87	-42	Flowability Glossiness Transparency	Injection molding
	J2516	25	916	10	550	110	45	81	-40	Flowability Glossiness Transparency	Injection molding
	J3519	35	916	8.5	300	100	44	77	-40	Flowability Glossiness Transparency	Injection molding
	J3524	35	924	12	200	170	50	80	-30	Flowability Glossiness	Injection molding
	J5019	50	919	8	250	110	45	78	-30	Flowability Glossiness Transparency	Injection molding
	J6016	60	916	8	500	100	44	76	-30	Flowability Flexibility	Injection molding

\* These values are typical properties and not to be considered as specifications.

\* Specimens are prepared from compression-molded sheets.

