

UMERIT[®] (METALLOCENE L-LDPE)



宇部丸善ポリエチレン株式会社

Grade	Item	MFR	Density	Tensile strength	Tensile elongation	Flexural modulus	Hardness	Vicat softening point	Brittle temperature	Features	Applications
	Test Method	ASTM D1238	ASTM D1505	ASTM D638	ASTM D638	ASTM D790	ASTM D2240	ASTM D1525	ASTM D746		
	Unit	g/10min	kg/m ³	MPa	%	MPa	(HDD)	°C	°C		
Film	0540F	4	904	42	715	140	44	81	<-75	Very low heat seal temp. Flexibility	Lamination film Co-extrusion film Modification
	1540F	4	913	39	730	190	51	97	<-75	Lower heat seal temp.	Lamination film Co-extrusion film
	2040F	4	918	36	755	280	52	95	<-75	Low heat seal temp	Lamination film Co-extrusion film
	2040FC	5	919	36	755	280	52	104	<-75	Transparency	Lamination film Co-extrusion film
	2540F	4	923	36	760	340	56	107	<-75	Stiffness	Lamination film Co-extrusion film
	3540F	4	931	37	780	520	61	114	<-75	Heat resistance Boiling resistance	Lamination film Co-extrusion film
	3540FC	3.6	931	35	780	520	61	114	<-75	Heat resistance Boiling resistance Transparency	Lamination film Co-extrusion film
	3540N	4	931	37	780	520	61	114	<-75	Additive-free	Additive-free film
	3570FC	6	931	35	780	510	60	114	<-75	Heat resistance Boiling resistance Transparency	Lamination film Co-extrusion film
	4040F	4	937	37	780	760	64	119	<-75	Heat resistance	Lamination film Co-extrusion film
	4040FC	3.5	938	32	830	850	65	120	<-75	Heat resistance Transparency	Lamination film Co-extrusion film
	140HK	3.5	937	37	780	760	64	119	<-75	Additive-free	Additive-free film
	4540F	4	944	28	800	920	67	123	<-75	Heat resistance Semi-retort	Lamination film Co-extrusion film

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	Unit	g/10min	kg/m ³	MPa	%	MPa	(HDD)	°C	°C		
Film	0520F	2	904	43	690	140	44	82	<-75	Very low heat seal temp. Flexibility	Lamination film Co-extrusion film
	1520F	2	913	40	700	190	51	98	<-75	Low heat seal temp.	Lamination film Co-extrusion film
	2525F	2.5	926	36	715	380	57	113	<-75	Toughness Stiffness	Toughness film
	2515HF	0.9	925	36	715	370	56	112	<-75	Toughness	Heavy duty packaging
	20B	2.2	921	36	710	290	54	105	<-75	Processability High transparency	High transparency film
	125FN	2.2	924	32	750	360	57	107	<-75	Additive-free	Additive-free film Blow molding
Injection	613A	30	913	30	850	190	50	87	<-75	ESCR	Injection molding Lid of container
	631J	20	931	23	800	500	60	107	<-60	Heat resistance Stiffness	Injection molding
Lamination	015AN	14	911	23	790	210	49	83	<-75	Low heat seal temp.	Extrusion lamination film
	021GT	6	919	28	780	290	55	95	<-75	Toughness	Extrusion lamination film
	022GS	8	904	30	810	150	48	78	<-75	Very low heat seal temp. Higher heat seal speed	Extrusion lamination film

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

* Specimens are prepared from compression-molded sheets.