

LLDPE(LINEAR LOW DENSITY POLYETHYLENE)/SÉETEC

Application	Property* **							Film property							Application
	Grade	Melt index	Density	Vicat softening point	Film thickness	Haze	Gloss (45°C)	Dart impact strength	Tensile strength at break		Elongation at break		Elmendorf tear strength		
	ASTM Unit	D1238 g/10min	D1505 g/cm ³	D1525 °C	HPC μm	D1003 %	D2457 -	D1709A g	MD D882 kg/cm ²	TD D882 kg/cm ²	MD D882 %	TD D882 %	MD D1922 g/μm	TD D1922 g/μm	
General purpose film	SF315	1.0	0.920	103	40	11	85	180	420	390	680	780	5	15	High clarity film
	SF414	2.0	0.920	102	40	12	83	110	400	370	680	800	4	9	
Agricultural film	SF318	1.0	0.920	103	40	9.5	97	320	520	490	670	770	16	27	Agricultural and general purpose film high impact strength
	SF316	1.0	0.920	103	40	10	92	370	480	450	680	800	12	25	
	SF308	1.0	0.915	95	40	9.0	97	720	510	470	650	700	20	28	
Blown stretch film	ST308	1.0	0.912	92	40	7.0	98	820	500	490	750	850	21	28	Stretch wrap film sealing layer of coextrusion film
	ST318	1.0	0.920	103	40	8.0	96	320	520	490	700	850	16	26	
	ST328	1.0	0.926	110	40	10.0	85	170	520	500	700	830	9	20	
Cast stretch film	ST408	2.4	0.915	95	20	0.7	155	340	410	350	480	750	24	30	Stretch wrap film sealing layer of coextrusion film
	ST418	2.0	0.918	102	20	0.8	150	180	420	370	480	720	17	32	
	ST518	4.0	0.920	102	20	0.7	155	120	400	330	500	750	15	30	
	ST508	4.4	0.914	94	20	0.7	155	350	380	320	500	750	24	30	
	ST414	2.0	0.919	101	20	0.9	144	88	320	230	570	730	2	12	
	ST415	2.8	0.919	100	20	0.8	150	97	330	270	570	760	5	11	
Lamination heavy duty film	SN318	1.0	0.920	103	40	10	90	320	520	490	670	770	16	26	Lamination film
	SN316	1.0	0.920	103	40	12	88	270	520	490	670	770	13	22	Heavy duty film
	SN328	0.9	0.925	106	170	33	90	460	500	490	810	840	12	20	Medium stiff heavy duty
	SN338	0.9	0.928	112	170	35	50	370	510	500	800	830	8	19	High stiff heavy duty
	S1088	0.7	0.925	105	170	29	60	450	490	470	790	830	12	19	Blended (LD+LLD) grade
Diaper film	ST448	2.4	0.934	110	20	3.8	110	100	430	410	490	740	6	9	

Application	Grade	Melt index	Density	Tm	Vicat Softening point	Tensile strength		Elongation at break	Hardness	Flexural modulus	IZOD impact strength(23°C)	ESCR (F50)	Application
	ASTM UNIT	D1238 g/10min	D1505 g/cm ³	HPC °C	D1525 °C	Yield D638 kg/cm ²	Break D638 kg/cm ²	D638 %	D2240 D Scale	D790 kg/cm ²	D256 kg.cm/cm	D1693 -	
	Roto molding Wire & cable	SR548 SR646 SC404	4.0 4.5 2.8	0.935 0.932 0.919	125 123 118	115 110 98	160 140 90	250 230 230	900 900 860	64 62 -	7200 6400 -	80 65 -	

* Measured on compression molded specimen.

** Values given above should only be used as a guide and should not be considered as firm specification or guarantee.

* 100% IGEPAL, 2mm, SLIT, 50°C