

Caps and Closures Injection Molding

Product Summary Sheet

polyethylene

Grade	Type	Closure Type	Density	Melt Index Cond. 190/2.16	Flexural Modulus 50 mm/min. (2 in/min.)		Tensile Strength 50 mm/min. (2 in/min.)		Elongation	Softening Point (Vicat)	
			D 792 g/cm ³	D 1238 (1) g/10 min	D 790 MPa psi		D 638 MPa psi		D 638 %	D 1525 °C °F	
General Purpose											
NOVAPOL® LF-0718-A	LDPE	Dairy, juice, HOD water	0.917	7	236	34,229	11	1595	548	83	181
NOVAPOL LM-4021-L	LDPE	Dairy, juice	0.921	40	295	42,800	9.4	1360	130	86	187
NOVAPOL LM-2522-A	LDPE	Dairy, juice	0.922	25	295	42,800	8.2	1190	175	86	187
NOVAPOL LM-0724-A	LDPE	Dairy, juice	0.924	7	345	50,000	11	1595	500	97	207
SCLAIR® 72A	LLDPE	Dairy, juice	0.924	20	375	54,390	12.4	1800	550	92	198
SCLAIR 2114	LLDPE	Dairy, juice	0.925	52	345	50,000	10	1500	100	87	189
SCLAIR 8107	LLDPE	Dairy, juice	0.925	4.8	400	58,020	10.5	1500	850	91	196
SCLAIR 2710	HDPE	Water, beverages, sports caps	0.951	17	1000	145,000	23	3400	530	120	248
SCLAIR 2712	HDPE	Water, beverages, sports caps	0.951	32	1000	145,000	23	3400	200	120	248
SCLAIR 2714CC	HDPE	Dispensing beverage	0.951	51	1000	145,000	23	3400	15	119	247
SURPASS® IGs153-A	HDPE	Bottled water	0.953	1.5	1200	174,000	26.8	3890	910	127	261
SCLAIR IG454-A	HDPE	Bottled water	0.954	9	1230	178,400	28.5	4135	1200	128	262

(1) Properties designated have been determined using methods which are in accordance with or substantially in accordance with the specified testing standards.

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