



Linear Low Density Polyethylene (LLDPE) -- Cast Flim Grade Data Sheets

Grade			C4 Cast Flim	C6 Cast Flim
			3225	2125
Properties	Unit	Method		
Melt Index MI _{2.16}	g/10min	ASTM D1238	2.0	2.0
Density	g/cm ³	ASTM D1505	0.920	0.918
Thermal Properties				
Melting point	°C	DSC	122	121
Brittleness point	°C	ASTM D746	<-70	<-70
Softening point	°C	ASTM D1525	93	93
Mechanical Properties				
Tensile strength at yield	Kg/cm ²	ASTM D882B MD/TD	100/110	100/110
Tensile strength at break	Kg/cm ²	ASTM D882B MD/TD	360/280	330/250
Elongation at break	%	ASTM D882B MD/TD	600/800	540/710
Secant Modulus 1%	Kg/cm ²	ASTM D882B MD/TD	1500/2100	1800/1700
Elmendorf Tear Resistance	g/25 μm	ASTM D1922 MD/TD	110/300	260/570
Dart Drop Test	g	ASTM D1709	120	150
Optical Properties				
Haze	%	ASTM D1003	3	3
Gloss45 °	%	ASTM D2457	96	96
Clarity	%		95	95
Additives				
Slip Agent			no	no
Antiblocking Agent			no	no
Characteristics			High Puncture Resistance Greater Drawdown Good extrudability	Better Sealing High output Rate Excellent Drawdown High Puncture Resistance
Applications			Cast Stretchfilm Overwrap Film	Cast Stretchfilm Overwrap Film

- PS.: 1.Flim Processing Conditions : Output 10kg/hr · BUR=2.0 · Thickness Blown flim=38 μm · Cast flim20 μm
 2.The 4th character of Grade name represent the type of additive 0:nomoral antioxidant · 4:high slipping and antiblocking agent · 5:ZnO Neutralizer · 6:Anti UV ·
 3.Data shown are average values and should not be examined for specifications ·