

Quimtec LC225

LC225 is a low density, homopolymer polyethylene resin with excellent clarity, good stiffness and strong heat seal characteristics. Main applications include food packaging for rice, bread and baked goods; textile packaging; and other packaging applications requiring excellent clarity film. It contains medium levels of slip and antiblock additives.

Properties	Value	Units	ASTM Test Method
Melt Index	2.0	g/10 min	D 1238
Density	0.924 – 0.925	g/cm ³	D 1505
Film Properties (1.25 mils):			
Haze	5.0 – 5.5	%	D 1003
Gloss, 45° - 60°	70 – 95		D 2457
Tensile Strength, break, MD (TD)	3,300 (2,600) – 3,400 (2,900)	psi	D 882
Tensile Strength, yield, MD (TD)	1,500 (1,700)	psi	
Elongation, MD (TD)	300 (500) – 250 (520)	%	D 882
Elmendorf Tear, MD (TD)	136 (120)	g	D 1922
Dart Drop Impact Strength, F ₅₀	70	g	D 1709
1% Secant Modulus, MD (TD)	29,000 (34,000) – 31,000 (35,000)	psi	D 882
Recommended Melt Temperature	320° F (160° C)		
Slip	Medium		
Antiblock	Medium		

The information on this document is, to our knowledge, true and accurate. However, since the particular uses and the actual conditions of use of our products are beyond our control, establishing satisfactory performance of our products for the intended application is the customer's sole responsibility. No warranties are given. All implied warranties of merchantability or fitness for a particular purpose are expressly excluded.

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