

# Arak LLDPE LL0209CA

Linear Low Density Polyethylene  
Shazand (Arak) Petrochemical Corporation

Message:

LL0209CA is a linear low density polyethylene copolymer containing butene-1 as a co-monomer.  
LL0209CA is suitable for stretch wrap blown films neat or in lean blend with LDPE products.  
LL0209CA shows good puncher resistance and cling performance. Typical melt temperature range in extruder is about 180°C - 220°C.  
LL0209CA should be stored in the dry condition below the 50°C and avoided from the exposure of direct sunlight.

General Information			
Features	Butene Comonomer		
	Copolymer		
	High Cling		
	Puncture Resistant		
Uses	Blending		
	Film		
	Stretch Wrap		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ASTM D2838
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	20	µm	
Tensile Strength			ASTM D882
MD : Yield	9.50	MPa	
TD : Yield	9.50	MPa	
MD : Break	38.0	MPa	
TD : Break	28.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	450	%	
TD : Break	800	%	
Dart Drop Impact	150	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm	85	g	
TD : 25 µm	530	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	100	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method

Gloss (45°)	70		ASTM D2457
Haze	5.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	180 to 220	°C	

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#### Recommended distributors for this material

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