

Kemcor LD 9151

Low Density Polyethylene

Qenos Pty Ltd

Message:

This resin is manufactured to conform to the requirements for unrestricted food contact of AS 2070 Part 1 (1992).

General Information			
Features	Fast Molding Cycle		
	Good Flexibility		
	Good Processability		
	High Flow		
	Low Warpage		
Uses	Closures		
	Containers		
	Thin-walled Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	70	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0 to 3.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	43		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	140	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	9.00	MPa	
Break	9.00	MPa	
Tensile Elongation (Break)	90	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	140 to 160	°C	

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