

# Kemcor LD 4200 (INJECTION)

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	Good Chemical Resistance
	High Strength
	Medium Gloss
	Moisture Resistant
Uses	Closures
	Hose
Forms	Pellets
Processing Method	Blown Film
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	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 Strength			ASTM D638
Yield	9.00	MPa	
Break	12.0	MPa	
Tensile Elongation (Break)	600	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	240 to 270	°C	

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