

Kemcor LD 8153

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 (1980).

General Information			
Features	General Purpose		
	Good Processability		
	Low Warpage		
	Medium Gloss		
Uses	Closures		
	Household Goods		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	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	8.00	MPa	
Break	11.0	MPa	
Tensile Elongation (Break)	200	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 200	°C	

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