

Kemcor LD 1145

Low Density Polyethylene

Qenos Pty Ltd

Message:

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

General Information			
Features	Good Chemical Resistance		
	Good Processability		
	High ESCR (Stress Crack Resist.)		
Uses	Cable Jacketing		
	Food Packaging		
	General Purpose		
	Liners		
	Wire & Cable Applications		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	43		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	8.00	MPa	
Break	14.0	MPa	
Tensile Elongation (Break)	630	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+17	ohms · cm	ASTM D257
Dielectric Constant	2.06		ASTM D150
Dissipation Factor	2.5E-4		ASTM D150

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