

# Kemcor HD 5148

High 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			
Uses	Bottles		
Forms	Pellets		
Processing Method	Blow Molding		
	Injection Blow Molding		

Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.85	g/10 min	ASTM D1238

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	700	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	28.0	MPa	
Break	29.0	MPa	
Tensile Elongation (Break)	600	%	ASTM D638

Injection	Nominal Value	Unit
Processing (Melt) Temp	190	°C

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Recommended distributors for this material

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