

Kemcor MDX 599

Medium Density Polyethylene

Qenos Pty Ltd

Message:

This product has been designed to meet the requirements for PE 80 Type B compounds under AS 4131, and is intended to be used in pipes conforming to AS 4130.

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

General Information			
Features	Copolymer		
	Good Chemical Resistance		
	Good UV Resistance		
	Good Weather Resistance		
	High ESCR (Stress Crack Resist.)		
	High Molecular Weight		
Uses	Piping		
Appearance	Black		
Forms	Pellets		
Processing Method	Extrusion		
	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1070	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	18.0	MPa	
Break	25.0	MPa	
Tensile Elongation (Break)	800	%	ASTM D638
Flexural Modulus	650	MPa	ASTM D790
Thermal	Nominal Value	Unit	
Melting Temperature	127	°C	

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