

Kemcor HD 550

High Density (HMW) Polyethylene

Qenos Pty Ltd

Message:

Kemcor HD 550 is a High Density (HMW) Polyethylene material. It is available in North America for extrusion or pipe extrusion.

Important attributes of Kemcor HD 550 are:

Good Flexibility

Good Toughness

Good Weather Resistance

High Molecular Weight

Wear Resistant

Typical applications include:

Automotive

Plumbing/Piping/Potable Water

General Information			
Features	Good Abrasion Resistance		
	Good Flexibility		
	Good Toughness		
	Good Weather Resistance		
	High Molecular Weight		
Uses	Piping		
Forms	Pellets		
Processing Method	Extrusion		
	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	24.0	MPa	
Break	30.0	MPa	
Tensile Elongation (Break)	800	%	ASTM D638
Flexural Modulus	970	MPa	ASTM D790
Thermal	Nominal Value	Unit	
Melting Temperature	130	°C	

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Recommended distributors for this material

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