

Kemcor HD 2470

High Density (HMW) Polyethylene

Qenos Pty Ltd

Message:

This compound is manufactured to meet the requirements of AS 1685 and can be used to manufacture pipes conforming to AS 2718 and AS 1667

General Information	
Additive	UV Stabilizer
Features	Good UV Resistance
	High Molecular Weight
Uses	Piping
Appearance	Yellow
Forms	Pellets
Processing Method	Extrusion
	Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.956	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	Test Method
Melting Temperature	130	°C	
CLTE - Flow	1.4E-4	cm/cm/°C	ASTM D696

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