Qenos PE MDF169

Medium Density Polyethylene

Qenos Pty Ltd

Message:

MDF169 is a non-pigmented, high molecular weight MDPE co-polymer, developed as a general purpose resin for use in non-standard pipe applications. MDF169 contains antioxidants to protect it during extrusion and end use.
MDF169 has been designed for extrusion into a full range of non-standard pipe products. MDF169 is not designed for use in pressure applications. Addition of a UV stabilizer should be considered where the intended application involves intermittent to extended exposure to sunlight. Suitability for use in any application should be determined by appropriate performance testing.

General Information	
Additive	Antioxidant
Features	Antioxidant Copolymer General Purpose High Molecular Weight Medium Density
Uses	General Purpose Piping
Appearance	Natural Color
Processing Method	Extrusion Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.943	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/21.6 kg	21	g/10 min	
190°C/5.0 kg	1.0	g/10 min	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus [1] (1.90 mm)	900	MPa	ASTM D638
Tensile Strength [2]			ASTM D638
Yield, 1.90 mm	21.0	MPa	
Break, 1.90 mm	32.0	MPa	
Tensile Elongation [3] (Break, 1.90 mm)	900	%	ASTM D638
Thermal	**Nominal Value**	**Unit**	**Test Method**
Oxidation Induction Time (210°C)	> 20	min	ISO 11357-6

NOTE	
1.	Type IV, 50 mm/min
2.	Type IV, 50 mm/min

3.	Type IV, 50 mm/min

Recommended distributors for this material

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