

Daelim Po1y® XP9020

Metallocene High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®XP9020 is a Metallocene High Density Polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®The application areas of XP9020 include food contact applications and water pipes/pipes/drinking water.

Features include:

Good processability

processing aids

Antioxidants

Impact resistance

General Information			
Additive	Processing aid		
	Antioxidation		
Features	Antioxidation		
	Workability, good		
	Low temperature impact resistance		
Uses	Piping system		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.941	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.14	g/10 min	ASTM D1238
190°C/5.0 kg	0.45	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (Compression Molded, F50)	> 10000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, Compression Molded)	42.2	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	850	%	ASTM D638
Flexural Modulus (Compression Molded)	608	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-30°C, Compression Molded)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	122	°C	ASTM D1525
Peak Melting Temperature	126	°C	ASTM D3418
Optical	Nominal Value		Test Method
Gloss (45°, Compression Molded)	70		ASTM D2457

Extrusion	Nominal Value	Unit
Melt Temperature	180 - 220	°C

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Recommended distributors for this material

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