

Daelim XP-9000

Metallocene — Medium Density Polyethylene



Pipe Extrusion

Characteristics

- Excellent Long Term Hydrostatic Strength
- Good Outdoor Weathering Resistance
- Excellent Impact Resistance & Durability
- Good Processabilities

Applications

- Heating Pipe
- Pipe for Hot & Cold Water

Processing Recommendation

- Stock Temp. : 190 ~ 230°C

Specification data

- Meets FDA Regulation 177. 1520

Nominal Physical Properties

Properties	Test Method	Unit	Value
Density	ASTM D1505	g/cm ³	0,935
Melt Index (190°C, 2.16 kg)	ASTM D1238	g/10min	0,55
Tensile Strength at Yield	ASTM D638	kg/cm ²	200
Tensile Strength at Break	ASTM D638	kg/cm ²	400
Elongation at Break	ASTM D638	%	850
Flexural Modulus	ASTM D790	kg/cm ²	5500
IZOD Impact Strength (Notched, 23°C)	ASTM D256	kg·cm/cm	NB
ESCR	ASTM D 1693	hr	>10000
Hardness	ASTM D 2240	Shore D	55

Remark> Physical properties reported here in were determined on compression molded specimens prepared in accordance with procedure C of ASTM D1928.