

Daelim Po1y® TR-158

High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y® TR-158 is a High Density Polyethylene product. It can be processed by film extrusion and is available in Asia Pacific. Applications of Daelim Po1y® TR-158 include bags/liners, film, food contact applications and packaging.

Characteristics include:

Good Processability

Good Sealability

Good Stiffness

Good Tear Strength

Good Toughness

General Information			
Features	Good Heat Seal		
	Good Processability		
	Good Stiffness		
	Good Tear Strength		
	Good Toughness		
	High Impact Resistance		
	Moisture Resistant		
Uses	Bags		
	Film		
	Packaging		
Agency Ratings	ASTM D 1248, II, Class A, Cat. 5		
	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.060	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break	53.9	MPa	
TD : Break	49.0	MPa	
Tensile Elongation			ASTM D882
MD : Yield	400	%	
TD : Yield	500	%	
Dart Drop Impact	180	g	ASTM D1709

Elmendorf Tear Strength		ASTM D1922
MD	30	g
TD	180	g
Extrusion	Nominal Value	Unit
Melt Temperature	170 to 210	°C

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