

Eco-Solutions FT1

Biodegradable Polymers

MINIMA Technoloy Co. Ltd.

Message:

Eco-Solutions FT1 is a Biodegradable Polymers (Biodeg Polymers) material. It is available in Asia Pacific, Europe, or North America for film extrusion.

Important attributes of Eco-Solutions FT1 are:

Eco-Friendly/Green

High Strength

General Information			
Features	Biodegradable		
	Compostable		
	High Strength		
Appearance	Clear/Transparent		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	JIS K7210
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0 to 7.0	g/10 min	JIS K7210
Films	Nominal Value	Unit	Test Method
Tensile Strength			JIS K6781
MD : Yield	3.92	MPa	
TD : Yield	3.53	MPa	
MD : Break	3.92	MPa	
TD : Break	3.63	MPa	
Tensile Elongation			JIS K6781
MD : Break	3.5	%	
TD : Break	2.4	%	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	58.5	°C	JIS K7207
Melting Temperature	150	°C	JIS K7121

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Recommended distributors for this material

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