

Eco-Solutions GP9002W

Biodegradable Polymers
MINIMA Technology Co. Ltd.

Message:

Eco-Solutions GP9002W is a Biodegradable Polymers (Biodeg Polymers) material. It is available in Asia Pacific, Europe, or North America for extrusion or foam processing. Primary attribute of Eco-Solutions GP9002W: Eco-Friendly/Green.
Typical applications include:
Fabrics/Fibers
Film
Foam

General Information			
Features	Biodegradable		
	Compostable		
	Foamable		
Uses	Film		
	Foam		
	Monofilaments		
Processing Method	Extrusion		
	Foam Processing		
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)	4.5	g/10 min	JIS K7210
Films	Nominal Value	Unit	Test Method
Secant Modulus			JIS K7127
MD	205	MPa	
TD	265	MPa	
Tensile Strength			JIS K6781
MD : Yield	17.0	MPa	
TD : Yield	18.0	MPa	
MD : Break	50.0	MPa	
TD : Break	40.0	MPa	
Tensile Elongation			JIS K6781
MD : Break	770	%	
TD : Break	850	%	
Elmendorf Tear Strength			JIS K7128
MD	2.4	kN/m	
TD	6.5	kN/m	

Thermal	Nominal Value	Unit	Test Method
Melting Temperature	86.0	°C	JIS K7121

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

