

Solanyl® BP blend 20F

Biodegradable Polymers
Rodenburg Biopolymers B.V.

Message:

Solanyl® BP blend 20F is a Biodegradable Polymers (Biodeg Polymers) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding. Primary attribute of Solanyl® BP blend 20F: Eco-Friendly/Green.

General Information			
Features	Biodegradable		
Appearance	White		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	
Density	1.26 to 1.30	g/cm ³	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	850 to 950	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	12.0 to 15.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	3.0 to 5.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	850 to 950	MPa	ISO 178
Flexural Stress (Injection Molded)	25.0 to 28.0	MPa	ISO 178
Flexural Strain at Break - Injection Molded	13 to 14	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (Injection Molded)	15 to 25	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	
Heat Deflection Temperature (0.45 MPa, Unannealed)	54.0 to 56.0	°C	
Glass Transition Temperature	56.0 to 57.0	°C	
Melting Temperature (DSC)	140 to 145	°C	

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Recommended distributors for this material

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