

Solanyl® BP blend 30R

Biodegradable Polymers

Rodenburg Biopolymers B.V.

Message:

Solanyl® BP blend 30R 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 30R: 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)	2400 to 2600	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	28.0 to 32.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	1.3 to 1.6	%	ISO 527-2
Flexural Modulus (Injection Molded)	2200 to 2500	MPa	ISO 178
Flexural Stress (Injection Molded)	53.0 to 60.0	MPa	ISO 178
Flexural Strain at Break - Injection Molded	5.0 to 9.0	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (Injection Molded)	4.0 to 5.0	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)	130 to 135	°C	

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Recommended distributors for this material

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