

apinat® DP2267 P

Biodegradable Polymers

API SpA

Message:

apinat®DP2267 P is a biodegradable polymer (Biodeg Polymers) product. It can be processed by extrusion or injection molding and is available in Europe. The main features are: environmental protection/green.

General Information			
Features	Updatable resources		
	Biodegradable		
Appearance	Available colors		
	Natural color		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20 - 1.70	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	66 - 75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	30.0 - 43.0	MPa	ASTM D638
Tensile Elongation (Break)	15 - 450	%	ASTM D638
Flexural Modulus	590 - 1500	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	72.0 - 190	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Rear Temperature	160 - 170	°C	
Middle Temperature	170 - 180	°C	
Front Temperature	185 - 195	°C	
Nozzle Temperature	195 - 210	°C	
Mold Temperature	25.0 - 40.0	°C	
Injection Rate	Slow-Moderate		
Injection instructions			
Injection Pressure: MediumBack Pressure: Medium/Low			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	160 - 170	°C	
Cylinder Zone 2 Temp.	170 - 180	°C	
Cylinder Zone 3 Temp.	180 - 190	°C	

Cylinder Zone 4 Temp.	190 - 200	°C
Cylinder Zone 5 Temp.	185 - 195	°C
Extrusion instructions		

L/D ratio: 24:1 Compression Screw Ratio: 2.3:1 Screw Speed: 50 rpm

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

