

# apigo bio® PM 1000

Thermoplastic Polyolefin Elastomer

API SpA

Message:

apigo bio®PM 1000 is a polyolefin thermoplastic elastomer (TPO (POE)) product. It can be processed by injection molding and is available in Europe. Typical application areas are: engineering/industrial accessories.  
Features include:  
environmental protection/green  
accessible food

General Information			
Features	Updatable resources		
	Recyclable materials		
	Compliance of Food Exposure		
Uses	overmolding		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm³	ASTM D792
Biobased Content	29	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	66		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	31.0	MPa	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Flexural Modulus	1000	MPa	ASTM D790

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