

Bapolene® 4012F

Polypropylene Homopolymer

Bamberger Polymers, Inc.

Message:

This resin is a general purpose homopolymer polypropylene (flake) . This product meets US FDA 21 CFR 177.1520.

General Information			
Features	Homopolymer		
	Compliance of Food Exposure		
Uses	Composite		
	Color masterbatch		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	flake		
Processing Method	Composite		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	34.1	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant	1430	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	119	°C	ASTM D648
NOTE			
1.	51 mm/min		

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Recommended distributors for this material

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