

Formolene® 6520N

Polypropylene Impact Copolymer

Formosa Plastics Corporation, U.S.A.

Message:

Formolene® 6520N is a medium impact copolymer of polypropylene characterized by its easy mold flow, physical property balance and excellent dimensional stability.

The improved stiffness and impact balance also provides for utility in industrial applications including bins and crates, and small appliances.

Formolene® 6520N meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles and components of articles intended for direct food contact.

This material is free of animal-derived content.

General Information			
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Mold Release		
	Good Stiffness		
	No Animal Derived Components		
Uses	Appliances		
	Industrial Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	26.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant ³ (Injection Molded)	1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	130	J/m	ASTM D256
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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Recommended distributors for this material

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