

Formolene® 2575N

Polypropylene Impact Copolymer

Formosa Plastics Corporation, U.S.A.

Message:

Formolene® 2575N is a very high melt flow, medium impact copolymer polypropylene. It is designed for such applications as Housewares, packaging and consumer goods requiring good impact strength especially in cold temperatures. It is characterized by easy mold flow, excellent physical property balance and finished product dimensional stability.

Formolene® 2575N 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		
	Impact copolymer		
	Good formability		
	High liquidity		
	Low temperature impact resistance		
	Compliance of Food Exposure		
	No kinetic components		
	Medium impact resistance		
Uses	Packaging		
	Thin wall parts		
	Household goods		
	Consumer goods application field		
Agency Ratings	EC 1907/2006 (REACH)		
	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)	75	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	21.6	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant ³ (Injection Molded)	1070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	130	J/m	ASTM D256A

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	97.0	°C	ASTM D648
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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