



Formolene® 2575N

Formosa Plastics Corporation, U.S.A. - Polypropylene Impact Copolymer

Tuesday, November 5, 2019

General Information

Product Description

Formolene® 2575N is a very high melt flow, medium impact copolymer of polypropylene. It is designed for such applications as packaging, housewares, 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

Material Status	<ul style="list-style-type: none"> Commercial: Active 		
Availability	<ul style="list-style-type: none"> North America 		
Features	<ul style="list-style-type: none"> Food Contact Acceptable Good Dimensional Stability Good Moldability 	<ul style="list-style-type: none"> High Flow Impact Copolymer Low Temperature Impact Resistance 	<ul style="list-style-type: none"> Medium Impact Resistance No Animal Derived Components
Uses	<ul style="list-style-type: none"> Consumer Applications Household Goods 	<ul style="list-style-type: none"> Packaging Thin-walled Parts 	
Agency Ratings	<ul style="list-style-type: none"> EC 1907/2006 (REACH) FDA 21 CFR 177.1520 		
Forms	<ul style="list-style-type: none"> Pellets 		
Processing Method	<ul style="list-style-type: none"> Injection Molding 		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (230°C/2.16 kg)	75	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, Injection Molded)	3190	psi	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant ³ (Injection Molded)	155000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, Injection Molded)	2.5	ft·lb/in	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 66 psi, Unannealed, Injection Molded	207	°F	ASTM D648

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min

³ 0.051 in/min

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