

Formolene® 6335N

Polypropylene Impact Copolymer

Formosa Plastics Corporation, U.S.A.

Message:

Formolene 3335N is a high melt flow random copolymer with fast cycle time, and easy mold release. It is designed for thin walled injection molding applications. Its stiffness makes it a good choice for applications requiring greater flex modulus than conventional random copolymers.

Formolene 3335N meets all 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.

General Information			
Features	Good Stiffness		
	Impact Copolymer		
	Medium Impact Resistance		
Uses	Automotive Interior Trim		
	Containers		
	Crates		
	Industrial Applications		
	White Goods & Small Appliances		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
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)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	29.6	MPa	ASTM D638
Flexural Modulus - 1% Secant ² (Injection Molded)	1520	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, Injection Molded	32	J/m	
-18°C, Injection Molded	37	J/m	
23°C, Injection Molded	64	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	115	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

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