Formolene® 3335N

Polypropylene Random 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	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Mold Release		
	Good Stiffness		
	High Flow		
	Random Copolymer		
Uses	Thin-walled Parts		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale, Injection Molded)	106		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield, Injection Molded)	30.3	MPa	ASTM D638
Tensile Elongation [2] (Yield, Injection Molded)	12	%	ASTM D638
Flexural Modulus - 1% Secant [3] (Injection Molded)	1030	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, Injection Molded)	43	J/m	ASTM D256
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China