Formolene® 3335E

Polypropylene Random Copolymer

Formosa Plastics Corporation, U.S.A.

Message:

Formolene® 3335E is a high melt flow random copolymer with fast cycle time and easy mold release. It is designed for injection molding including thin wall applications. The use of an advanced clarifier produces a material with low yellowness index and haze - which makes it an excellent choice for ‘see-through' housewares and rigid packaging.
Formolene® 3335E 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			
Additive	Clarifier		
Features	Fast Molding Cycle Good Mold Release High Flow		
Uses	Containers Household Goods Transparent Parts Vials		
Agency Ratings	FDA 21 CFR 177.1520		
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
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield)	29.0	MPa	ASTM D638
Tensile Elongation [2] (Yield)	15	%	ASTM D638
Flexural Modulus - 1% Secant [3]	1030	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648
Additional Information	**Nominal Value**	**Unit**	**Test Method**
Injection Haze Plaque (1.00 mm)	12	%	FTTC 5606
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

Recommended distributors for this material

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