Formolene® 3355E

Polypropylene Random Copolymer

Formosa Plastics Corporation, U.S.A.

Message:

Formolene® 3355E is a high melt flow random copolymer with fast cycle time and good mold and denesting release. It is designed for injection molding including thin wall applications.
The use of an advanced clarifier with low yellowness index and haze - makes it an excellent choice for ‘see-through' housewares and rigid packaging. Use of this clarifier allows processers to run at lower temperatures - resulting in the potential for cycle time reductions and energy savings.
Formolene® 3355E 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. For additional information on approved conditions of use for food contact applications, please refer to the "Products" section on our web site (http://www.fpcusa.com/ourproducts.html).

General Information			
Additive	Clarifier		
Features	Fast Molding Cycle Good Mold Release High Clarity High Flow		
Uses	Food Containers Household Goods Rigid Packaging Thin-walled Containers		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	55	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)	53	J/m	ASTM D256
Gardner Impact (23°C)	20.3	J	ASTM D3029
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	81.1	°C	ASTM D648
Additional Information	**Nominal Value**	**Unit**	**Test Method**
Injection Haze Plaque (1.00 mm)	10	%	Internal Method
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