

Formolene® 3302B

Polypropylene Random Copolymer

Formosa Plastics Corporation, U.S.A.

Message:

Formolene 3302B is a low melt flow random with excellent clarity, fast cycle time and easy mold release, designed for extrusion processing and thermoforming. It contains a unique combination of stabilizers and additives, which provides excellent processability and good end use performance. Formolene 3302B 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	Unspecified Additive		
	Unspecified Stabilizer		
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Mold Release		
	Good Processability		
	High Clarity		
	Low Flow		
	Random Copolymer		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.3	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	29.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	13	%	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)	270	J/m	ASTM D256A
Optical	Nominal Value	Unit	Test Method

Haze (Injection Molded)	12	%	FTTC 5606
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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