



Formosa Plastics™

Formolene™ HDPE

Preliminary Data Sheet

Formolene E791-T1

Melt Index – 19.0

Density – 0.952

High Density Polyethylene for Injection Molding Applications

Formolene E791-T1 meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

Suggested Applications:

Housewares
Cartridges
Closures
Toys

Typical Properties of this Developmental Grade

Melt Index, g/10 min.	ASTM D1238	19.0
Density, g/cm ³	ASTM D1505	0.953
Tensile Strength at Yield, psi	ASTM D638	3100
Flexural Modulus, 1000 psi	ASTM D790	125
Izod Impact Strength, ft.lb./in. 23° C	ASTM D256	0.65
Hardness, Shore D	ASTM D2240	65

* Physical properties reported herein were determined on compression molded specimens prepared in accordance with Procedure C of ASTM D1928.

THE NOMINAL PROPERTIES REPORTED HEREIN ARE TYPICAL OF THE PRODUCT BUT DO NOT REFLECT NORMAL TESTING VARIANCE AND THEREFORE SHOULD NOT BE USED FOR SPECIFICATION PURPOSES.

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ISO 9002, ISO 14001 & QS9000

FM 31429, EMS 35710, FM46020*

(*Applies to specific impact copolymers)



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