



Formosa Plastics™

Formolene™ HDPE

Preliminary Data Sheet

Formolene E780-T1

Melt Index – 8.0

Density – 0.960

High Density Polyethylene for Injection Molding Applications

Formolene E780-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:

Totes
Cases
Crates
Toys

Typical Properties of this Developmental Grade

Melt Index, g/10 min.	ASTM D1238	8.0
Density, g/cm ³	ASTM D1505	0.960
Tensile Strength at Yield, psi	ASTM D638	3800
Flexural Modulus, 1000 psi	ASTM D790	170
Izod Impact Strength, ft.lb./in. 23° C	ASTM D256	0.75
Hardness, Shore D	ASTM D2240	67

* 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.

ISO 9002, ISO 14001 & QS9000

FM 31429, EMS 35710, FM46020*

(*Applies to specific impact copolymers)



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