



Formosa Plastics™

Formolene™ HDPE

## Preliminary Data Sheet

### Formolene E790-T1

**Melt Index – 13.5**

**Density – 0.952**

#### High Density Polyethylene for Injection Molding Applications

Formolene E790-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:

Pails  
Buckets  
Housewares  
Cartridges  
Closures  
Toys

#### Typical Properties of this Developmental Grade

Melt Index, g/10 min.	ASTM D1238	13.5
Density, g/cm <sup>3</sup>	ASTM D1505	0.952
Tensile Strength at Yield, psi	ASTM D638	3300
Flexural Modulus, 1000 psi	ASTM D790	139
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.

#### ISO 9002, ISO 14001 & QS9000

FM 31429, EMS 35710, FM46020\*

(\*Applies to specific impact copolymers)



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