



Formosa Plastics®

Formolene® HDPE

## Technical Data Sheet

### Formolene E790

**Melt Index – 13.5**  
**Density – 0.952**

#### High Density Polyethylene For Injection Molding

Formolene E790 is a general-purpose injection molding grade high density polyethylene resin. The resin exhibits excellent processability and toughness.

Formolene E790 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  
Toys

Crates  
Housewares

#### Nominal Physical Properties

PROPERTY**	TEST METHOD	Unit	Value
Density	D1505	g/cc	0.952
Melt Index, Condition E, 190°C/2.16 kg	D1238	g/10 min.	13.5
Izod Impact Strength, @ 23°C	D256	ft.lb./in.	0.65
Flexural Modulus	D790	psi.	139
Tensile Strength at Yield	D638	psi.	3,300
Hardness, Shore D	D2240		65

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

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