

# Valtra<sup>®</sup> EA3300

General Purpose Polystyrene

## Features

- Super high molecular weight
- Low gel content
- Excellent clarity
- High Vicat temperature

## Typical Applications

- Low styrene residual polymer for food contact applications like BOPS
- Salad containers, etc.

For a Material Safety Data Sheet (MSDS), visit our site at [www.saudipolymers.com](http://www.saudipolymers.com)

Nominal Physical Properties <sup>1</sup>	ASTM Method	Condition	English	SI
Specific Gravity	D792	-	1.04 g/cm <sup>3</sup>	1.04 g/cm <sup>3</sup>
Melt Flow	D1238	200 °C, 5kg	1.7 g/10min	1.7 g/10min
Izod Impact, Notched, 1/4"	D256	23 °C	0.3 ft-lb/in	16 J/m
Izod Impact, Notched, 1/8"	D256	23 °C	0.35 ft-lb/in	19 J/m
Vicat Softening Temperature	D1525	Rate B	228 °F	109 °C
Tensile Yield <sup>2</sup>	D638	5 mm/min	8,000 psi	55 MPa
Tensile Rupture <sup>2</sup>	D638	5 mm/min	8,000 psi	55 MPa
Tensile Elongation <sup>2</sup>	D638	5 mm/min	4.5 %	4.5 %
Tensile Modulus <sup>2</sup>	D638	5 mm/min	490,000 psi	3,380 MPa
Flexural Modulus <sup>2</sup>	D790	2.5 mm/min	460,000 psi	3,170 MPa

1. 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. Values are rounded.

2. 0.125 in. (3.2mm) injection molded specimen

## This resin meets these specifications:

- U.S. Food Additive Regulation 21 CFR 177.1640 for polystyrene and rubber modified polystyrene
- EU regulation 10/2011 with amendment (EU)321/2011
- UL 94HB

Revision Date: September 2011