

MELT - 8

GRAVITY - 1.07

Certene 800 is a certified prime SAN copolymer resin designed for injection molding applications requiring an outstanding balance of properties & processability. **Certene 800** complies with FDA Regulation 21CFR181.32 and most international regulations concerning the use of styrenics in contact with food articles.

Features:

- High stiffness
- Medium melt flow
- Sparkling clarity
- High heat resistance
- Excellent thermal stability
- Excellent ESCR

Typical Applications:

- Consumer housewares
- Consumer appliances
- Water filters
- Drinkware
- Consumer packaging

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Specific Gravity @ 23°C	D792	g/in ³	1.07
Melt Mass Flow Rate (230°C/5.0 kg)	D1238	g/10 min	8
MECHANICAL			
Ultimate Elongation	D638	%	2.5
Tensile Strength @ Yield	D638	psi	10,500
Flexural Modulus	D790	psi	560k
Flexural Strength	D790	psi	18k
Notched Izod Impact (73°F)	D256	ft-lb/in	0.3
HDT (66 psi, Unannealed)	D648	°F	206
Vicat Softening Temperature	D1525	°F	226