

## - Rigid Polyvinyl Chloride

Thursday, June 29, 2017

### General Information

#### General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Food Contact Acceptable • Good Impact Resistance
Uses	• Bottles • Containers
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Blow Molding

### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	6830	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	150	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.8	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	77		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	181	°F	ASTM D1525

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 9.8 in/min

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