

**710** 

## - Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information					
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Material Status	Commercial: Active				
Availability	Asia Pacific				
Features	Food Contact Acceptable	High 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	1.30		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	6400	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	160	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	5.5	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	172	°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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