

**- Rigid Polyvinyl Chloride**

Thursday, June 29, 2017

**General Information**

**General**

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Food Contact Acceptable      • Ultra 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	1.31		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	6330	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	160	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	6.2	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	172	°F	ASTM D1525
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.13 in)	V-0		UL 94

**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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