

- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	3.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	6470	psi	ASTM D638
Tensile Elongation ² (Break)	140	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.8	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	77		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	172	°F	ASTM D1525

Notes

¹ Typical properties: these are not to be construed as specifications.

² 9.8 in/min

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