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- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information				
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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 Properties¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	5830	psi	ASTM D638
Tensile Elongation ² (Break)	130	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	17	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	171	°F	ASTM D1525

Notes

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

² 9.8 in/min

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