

## - Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information			
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Material Status	Commercial: Active		
Availability	Asia Pacific		
Features	Good Impact Resistance		
Uses	Fittings		
Forms	Pellets		
Processing Method	Injection Molding		

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ASTM & ISO Properties <sup>1</sup>				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.44		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength <sup>2</sup> (Yield)	7110	psi	ASTM D638	
Tensile Elongation <sup>2</sup> (Break)	120	%	ASTM D638	
Impact	Nominal Value	Unit	Test Method	
Notched Izod Impact	1.3	ft·lb/in	ASTM D256	
Thermal	Nominal Value	Unit	Test Method	
Vicat Softening Temperature	194	°F	ASTM D1525	
Thermal Stability <sup>3</sup> (374°F)	> 50	min	BS 2782	

## Notes

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

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

<sup>3</sup> Congo Red

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