

## - Rigid Polyvinyl Chloride

313

Friday, June 30, 2017

General Information					
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Material Status	<ul> <li>Commercial: Active</li> </ul>				
Availability	Asia Pacific				
Features	Good Impact Resistance				
Uses	• Conduit	Piping			
Forms	• Powder				
Processing Method	<ul> <li>Extrusion</li> </ul>				

ASTM & ISO Properties <sup>1</sup>					
Physical	Nominal Value	Unit	Test Method		
Specific Gravity	1.48		ASTM D792		
Mechanical	Nominal Value	Unit	Test Method		
Tensile Strength (Yield)	6680	psi	ASTM D638		
Tensile Elongation (Break)	150	%	ASTM D638		
Impact	Nominal Value	Unit	Test Method		
Notched Izod Impact	0.73	ft·lb/in	ASTM D256		
Thermal	Nominal Value	Unit	Test Method		
Vicat Softening Temperature	205	°F	ASTM D1525		
Heat Stability <sup>2</sup> (374°F)	30.0	min	BS 2782		

## **Notes**

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

<sup>&</sup>lt;sup>2</sup> Congo red@ 190 deg C