

# - Rigid Polyvinyl Chloride

Friday, June 30, 2017

General Information			
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Material Status	Commercial: Active		
Availability	Asia Pacific		
Features	Good Impact Resistance High Gloss		
Uses	Corrugated Pipe		
Forms	Powder		
Processing Method	Extrusion		

ASTM & ISO Properties <sup>1</sup>				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.38		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength (Break)	6970	psi	ASTM D638	
Tensile Elongation (Break)	60	%	ASTM D638	
Impact	Nominal Value	Unit	Test Method	
Notched Izod Impact	1.5	ft·lb/in	ASTM D256	
Thermal	Nominal Value	Unit	Test Method	
Vicat Softening Temperature	196	°F	ASTM D1525 <sup>2</sup>	
Heat Stability <sup>3</sup> (374°F)	> 30.0		BS 2782	

## Notes

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

<sup>2</sup> Loading 1 (10 N)

<sup>3</sup> Congo Red

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