

510

- 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	Piping	
Forms	Powder	
Processing Method	Extrusion	

ASTM & ISO Properties ¹				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.51		ASTM D792	
Apparent (Bulk) Density ² (Poured)	0.65	g/cm³	ASTM D1895	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength (Yield)	6400	psi	ASTM D638	
Tensile Elongation (Break)	130	%	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	203	°F	ASTM D1525	
Heat Stability ³ (190°F)	30.0		BS 2782	

Notes

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

² Method A

³ Congo Red

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