

- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

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	1.52		ASTM D792
Apparent (Bulk) Density ² (Poured)	0.67	g/cm ³	ASTM D1895
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ³ (Yield)	6400	psi	ASTM D638
Tensile Elongation ³ (Break)	120	%	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	208	°F	ASTM D1525
Thermal Stability ⁴ (374°F)	> 50	min	BS 2782

Notes

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

² Method A

³ 9.8 in/min

⁴ Congo Red

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