

- Rigid Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

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

ASTM & ISO Properties ¹

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 ²
Heat Stability ³ (374°F)	> 30.0		BS 2782

Notes

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

² Loading 1 (10 N)

³ Congo Red

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Revision Date: 1/1/2013