- 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	1.51		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

Revision Date: 4/22/2014