

- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Good Impact Resistance
Uses	• Electrical Parts
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8390	psi	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	76		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	76.0	°F	BS EN 728
--	182	°F	ASTM D1525

Notes

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

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*In U.S. for Vinyls, TPEs, Colorants,
Engineered Thermoplastics (Chem Polymer)*

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