

## - Flexible Polyvinyl Chloride

Friday, June 30, 2017

### General Information

#### General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• X-Ray Shielding
Uses	• Medical/Healthcare Applications
Forms	• Granules
Processing Method	• Extrusion

### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>2</sup>	1.76 to 1.80		ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	69 to 75		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Heat Stability - Oven (374°F)	> 30.0	min	ASTM D2115-92

#### Additional Information

Typical temperature profile for processing compound is from 135°C to 175°C. The optimum temperatures depend on the type of machine as well as screw design being used to process.

Feeding zone: 135°C

Compression zone: 145°C~155°C

Mixing zone: 155°C~165°C

Nozzle/Die Zone: 165°C~175°C

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Opaque

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