

## **SMT-60**

### **Shriram Polytech Flex PVC Compound**

#### **General Information**

Material Status	<ul style="list-style-type: none"> <li>• <b>Commercially Active</b></li> </ul>
Features	<ul style="list-style-type: none"> <li>• <b>Blue Tinge, Non Toxic, Transparent Flexible PVC Compound</b></li> </ul>
Application	<ul style="list-style-type: none"> <li>• <b>Medical Component – Tubing</b></li> </ul>
Forms	<ul style="list-style-type: none"> <li>• <b>Pellets</b></li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>• <b>Extrusion</b></li> </ul>

#### **Test Results**

<b>Physical</b>	<b>Test Method</b>	<b>Specification</b>	<b>Unit</b>
<b>Specific Gravity</b>	<b>ASTM D 792</b>	1.20±0.03	-
<b>Mechanical</b>	<b>Test Method</b>	<b>Specification</b>	<b>Unit</b>
<b>Tensile Strength at Break</b>	<b>IS-10810</b>	≥120	kg/cm <sup>2</sup>
<b>Elongation at Break</b>	<b>IS-10810</b>	≥350	%
<b>Hardness</b>	<b>Test Method</b>	<b>Specification</b>	<b>Unit</b>
<b>Shore 'A' Hardness (15 sec delay)</b>	<b>ASTM D 2240</b>	66±3	-
<b>Thermal Stability</b>	<b>Test Method</b>	<b>Specification</b>	<b>Unit</b>
<b>Thermal Stability at 200 °C</b>	<b>IS-5831</b>	≥25	Minutes
<b>Processing Information</b>			
<b>Temperature Range</b>		125-165	°C

**For better results pre-drying of granules is recommended @ 75±5°C for approximately 15 minutes.**

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