

**SBB-80**
**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>Non Toxic, Transparent Flexible PVC Compound</b></li> </ul>
Application	<ul style="list-style-type: none"> <li>• <b>Medical Component – Blood Bag</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**

Physical	Test Method	Specification	Unit
<b>Specific Gravity</b>	<b>ASTM D 792</b>	1.23±0.03	-
Mechanical	Test Method	Specification	Unit
<b>Tensile Strength at Break</b>	<b>IS-10810</b>	>=150	kg/cm <sup>2</sup>
<b>Elongation at Break</b>	<b>IS-10810</b>	>=300	%
Hardness	Test Method	Specification	Unit
<b>Shore 'A' Hardness (15 sec delay)</b>	<b>ASTM D 2240</b>	77±3	-
Thermal Stability	Test Method	Specification	Unit
<b>Thermal Stability at 200 °C</b>	<b>IS-5831</b>	>=10	Minutes
Processing Information			
<b>Temperature Range</b>		125-170	°C

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

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