

SMT-75

Shriram Polytech Flex PVC Compound

General Information

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

Test Results

| Physical | Test Method | Specification | Unit |
|--|--------------------|----------------------|--------------------|
| Specific Gravity | ASTM D 792 | 1.20±0.03 | - |
| Mechanical | Test Method | Specification | Unit |
| Tensile Strength at Break | IS-10810 | >=150 | kg/cm ² |
| Elongation at Break | IS-10810 | >=250 | % |
| Hardness | Test Method | Specification | Unit |
| Shore 'A' Hardness (15 sec delay) | ASTM D 2240 | 75±3 | - |
| Thermal Stability | Test Method | Specification | Unit |
| Thermal Stability at 200 °C | IS-5831 | >=20 | Minutes |
| Processing Information | | | |
| Temperature Range | | 140-170 | °C |

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

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