

# Sinvicomp SRF3704UV

Rigid Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinvicomp SRF3704UV is a Rigid Polyvinyl Chloride material. It is available in Asia Pacific for injection molding. Primary attribute of Sinvicomp SRF3704UV: Impact Resistant.

Typical applications include:

Electrical/Electronic Applications

Plumbing/Piping/Potable Water

| General Information                       |                        |                   |             |
|---|------------------------|-------------------|-------------|
| Features                                  | High Impact Resistance |                   |             |
| Uses                                      | Electrical Parts       |                   |             |
|   | Piping                 |                   |             |
| Forms                                     | Pellets                |                   |             |
| Processing Method                         | Injection Molding      |                   |             |
| Physical                                  | Nominal Value          | Unit              | Test Method |
| Specific Gravity                          | 1.37                   | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (190°C/21.6 kg) | 5.5                    | g/10 min          | ASTM D1238  |
| Hardness                                  | Nominal Value          | Unit              | Test Method |
| Durometer Hardness (Shore D)              | 76                     |                   | ASTM D2240  |
| Mechanical                                | Nominal Value          | Unit              | Test Method |
| Tensile Strength (Yield)                  | 46.1                   | MPa               | ASTM D638   |
| Tensile Elongation (Break)                | 110                    | %                 | ASTM D638   |
| Impact                                    | Nominal Value          | Unit              | Test Method |
| Notched Izod Impact                       | 98                     | J/m               | ASTM D256   |
| Thermal                                   | Nominal Value          | Unit              | Test Method |
| Vicat Softening Temperature               | 86.0                   | °C                | ASTM D1525  |
| Heat Stability <sup>1</sup> (190°C)       | 30.0                   | min               | BS 2782     |
| NOTE                                      |                        |                   |             |

1. Congo red@ 190 deg C/21.6kgs

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