

**Sarlink® K 156B - Shore 95 A**

TPV

Teknor Apex Co.

**Product Texts**

| Property  | Value     | Unit | Standard               |
|---|-----------|------|------------------------|
| Hardness Shore (5 sec delay, Injection molded sample) | 95A / 37D | -    | ISO 868                |
| Tensile strength at break (Cross direction)           | 10.3      | MPa  | ISO 37                 |
| Modulus at 100% elongation (Cross direction)          | 7.9       | MPa  | ISO 37                 |
| Elongation at break (Cross direction)                 | 570       | %    | ISO 37                 |
| Rheology (Apparent Shear Viscosity @ 206 1/s, 200°C)  | 198       | Pa.s | ISO 11443<br>Capillary |

**Rheological properties**

| ISO Data                    | Value | Unit    | Test Standard   |
|-----------------------------|-------|---------|-----------------|
| Molding shrinkage, parallel | 1.4   | %       | ISO 294-4, 2577 |
| Melt flow index, MFI        | 70    | g/10min | ISO 1133        |
| MFI temperature             | 230   | °C      | ISO 1133        |
| MFI load                    | 5     | kg      | ISO 1133        |

**Mechanical properties**

| ISO Data                                    | Value | Unit              | Test Standard |
|---|-------|-------------------|---------------|
| Flexural modulus (23°C)                     | 265   | MPa               | ISO 178       |
| Flexural modulus                            | 1070  | MPa               | ISO 178       |
| Flexural modulus temperature                | -40   | °C                | ISO 178       |
| Izod Impact notched                         | N     | kJ/m <sup>2</sup> | ISO 180/1A    |
| Temperature                                 | -35   | °C                | ISO 180/1A    |
| Compression Set under constant strain, 70°C | 74    | %                 | ISO 815       |

**Other properties**

| ISO Data | Value | Unit              | Test Standard |
|----------|-------|-------------------|---------------|
| Density  | 940   | kg/m <sup>3</sup> | ISO 1183      |

**Characteristics****Processing**

Injection Molding