



# Sarlink® TPV X6170N

Teknor Apex Company - Thermoplastic Vulcanizate

## General Information

### General

|                 |                      |                 |  |
|-----------------|----------------------|-----------------|--|
| Material Status | • Commercial: Active |                 |  |
| Availability    | • Asia Pacific       | • Latin America |  |
|                 | • Europe             | • North America |  |
| RoHS Compliance | • RoHS Compliant     |                 |  |
| Appearance      | • Opaque             |                 |  |

## ASTM & ISO Properties <sup>1</sup>

| Physical                                                  | Nominal Value | Unit              | Test Method |
|-----------------------------------------------------------|---------------|-------------------|-------------|
| Density                                                   | 0.929         | g/cm <sup>3</sup> | ISO 1183    |
| Elastomers                                                | Nominal Value | Unit              | Test Method |
| Tensile Stress                                            |               |                   | ISO 37      |
| Across Flow : 100% Strain                                 | 435           | psi               |             |
| Flow : 100% Strain                                        | 624           | psi               |             |
| Tensile Stress                                            |               |                   | ISO 37      |
| Across Flow : Break                                       | 870           | psi               |             |
| Flow : Break                                              | 783           | psi               |             |
| Tensile Elongation                                        |               |                   | ISO 37      |
| Across Flow : Break                                       | 510           | %                 |             |
| Flow : Break                                              | 340           | %                 |             |
| Compression Set (158°F, 22 hr)                            | 46            | %                 | ISO 815     |
| Hardness                                                  | Nominal Value | Unit              | Test Method |
| Shore Hardness                                            |               |                   | ISO 868     |
| Shore A, 5 sec, Extruded                                  | 72            |                   |             |
| Shore A, 5 sec, Injection Molded                          | 76            |                   |             |
| Additional Information                                    | Nominal Value | Unit              | Test Method |
| Apparent Shear Viscosity - Capillary <sup>2</sup> (392°F) | 165           | Pa·s              | ISO 11443   |

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 206 1/s