

# Product Data Sheet

## Sarlink® 6155N

| Typical properties*             | Test method | S.I.          |                   | U.S.          |                   |
|---------------------------------|-------------|---------------|-------------------|---------------|-------------------|
|                                 |             | Typical value | Units             | Typical value | Units             |
| Density                         | ISO 1183    | 910           | kg/m <sup>3</sup> | 910           | kg/m <sup>3</sup> |
| Hardness Shore (5 sec delay)    | ISO 868     | 53A           |                   | 53A           |                   |
| Extruded sample                 |             | 58A           |                   | 58A           |                   |
| Injection molded sample         |             |               |                   |               |                   |
| <b>Tensile Properties</b>       | ISO 37      |               |                   |               |                   |
| <u>Flow direction</u>           |             |               |                   |               |                   |
| Tensile strength at break       |             | 3.4           | MPa               | 493           | Psi               |
| Modulus at 100% elongation      |             | 2.4           | MPa               | 348           | Psi               |
| Elongation at break             |             | 337           | %                 | 337           | %                 |
| <u>Cross direction</u>          |             |               |                   |               |                   |
| Tensile strength at break       |             | 4.4           | MPa               | 636           | Psi               |
| Modulus at 100% elongation      |             | 1.8           | MPa               | 261           | Psi               |
| Elongation at break             |             | 609           | %                 | 609           | %                 |
| <b>Tear Strength</b>            | ISO 34B     |               |                   |               |                   |
| <u>Cross direction</u>          |             |               |                   |               |                   |
| Unnicked angle                  |             | 20.1          | kN/m              | 115           | Pli               |
| <b>Compression set</b>          | ISO 815     |               |                   |               |                   |
| 22h/23 C                        |             | 27            | %                 | 27            | %                 |
| 22h/70 C                        |             | 40            | %                 | 40            | %                 |
| 70h/125 C                       |             | 57            | %                 | 57            | %                 |
| <b>Rheology</b>                 | ISO 11443   |               |                   |               |                   |
| <u>Apparent Shear Viscosity</u> | Capillary   | 215           | Pa.s              | 215           | Pa.s              |
| @ 206 1/s, 200 C                |             |               |                   |               |                   |

\* Tests are conducted on injection-molded plaques unless indicated otherwise.