



**Coim** S.p.A

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**TECHNICAL DATA SHEET**

LARIPUR 9025

THERMOPLASTIC POLYURETHANE

|   |           |                    |      |             |
|---|-----------|--------------------|------|-------------|
| Specific gravity                              |           | gr/cm <sup>3</sup> | 1.20 | (DIN 53479) |
| Shore hardness                                |           | A                  | 90   | (DIN 53505) |
| Abrasion loss                                 |           | mm <sup>3</sup>    | 30   | (DIN 53516) |
| Tensile Modulus                               | 50%       | N/mm <sup>2</sup>  | 6.4  | (DIN 53504) |
|   | 100%      | "                  | 7.8  | "           |
|   | 300%      | "                  | 18.6 | "           |
| Tensile strength                              |           | N/mm <sup>2</sup>  | 55.2 | (DIN53504)  |
| Elongation at break                           |           | %                  | 580  | (DIN 53504) |
| Tear strength                                 |           | N/mm               | 101  | (DIN 53515) |
| Vicat Softening Poin                          |           | °C                 | 104  | (ISO 306)   |
| Compression Set                               | 70h/23°C  | %                  | 24   | (DIN53517)  |
|   | 22h/70°C  | "                  | 45   | "           |
|   | 70h/100°C | "                  |      | "           |
| Flammability Test UL 94<br>(vertical burning) |           |                    | V-2  |             |

EEC and FDA food contact approved,

**Note:** The present technical note has been written basing on our best knowledge but is not released as a specification for the above mentioned materials.

The international standards here indicated to be intended as a reference to carry out the various but the choice of available options and any possible variation are mentioned in our respective internal standards.