

# LAPRENE® 83CS91555/C3 NERO

## Typical mechanical properties

|                              |         |                        |
|------------------------------|---------|------------------------|
| Stress at 100% elongation    | 0.9 MPa | ISO 527-1/-2 or ISO 37 |
| Stress at 300% elongation    | 1.4 MPa | ISO 527-1/-2 or ISO 37 |
| Stress at break              | 4.8 MPa | ISO 527-1/-2 or ISO 37 |
| Elongation at break          | 856 %   | ISO 527-1/-2 or ISO 37 |
| Shore A hardness, 3s         | 43      | ISO 48-4 / ISO 868     |
| Compression set at 70°C, 24h | 32 %    | ISO 815                |
| Tensile set                  | 6 %     | ISO 2285               |
| Tear strength, normal        | 18 kN/m | ISO 34-1               |

## Other properties

|         |                        |          |
|---------|------------------------|----------|
| Density | 1140 kg/m <sup>3</sup> | ISO 1183 |
|---------|------------------------|----------|

## Injection

|                        |            |
|------------------------|------------|
| Max. mould temperature | 20 - 40 °C |
|------------------------|------------|

## Processing Texts

|                                 |                                                                                                                                 |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Pre-drying                      | Drying not necessary                                                                                                            |
| Longer pre-drying times/storage | Laprene must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat. |

