

**LAPRENE® 8KS9P1A60 NERO - SEBS**

Physical properties	Value	Unit	Test Standard
Density	1110	kg/m <sup>3</sup>	ISO 1183
Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	2	MPa	ISO 37
Tensile stress at 300%, perpendicular	2.9	MPa	ISO 37
Compression Set under constant strain at 70 °C, 24h	57	%	ISO 815
Tensile strain at break (TPE)	595	%	ISO 37
Tensile stress at break (TPE)	4.5	MPa	ISO 37
Shore A hardness-TPE, 3s	62	-	ISO 868
Tear strength	24	kN/m	ISO 34-1

**Typical injection moulding processing conditions**

Temperature	Value	Unit
Zone1 temperature	215 - 225	°C
Zone2 temperature	225 - 235	°C
Zone3 temperature	240 - 250	°C
Nozzle temperature	235 - 245	°C
Mold temperature	30 - 50	°C

**Other text information**
**Pre-drying**

3h@80C

**Longer pre-drying times/storage**

Laprene must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat.

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**General Disclaimer**

NOTICE TO USERS: Values shown are based on testing of laboratory test specimens and represent data that fall within the standard range of properties for natural material. These values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes. Colorants or other additives may cause significant variations in data values. Properties of molded parts can be influenced by a wide variety of factors including, but not limited to, material selection, additives, part design, processing conditions and environmental exposure. Any determination of the suitability of a particular material and part design for any use contemplated by the users and the manner of such use is the sole responsibility of the users, who must assure themselves that the material as subsequently processed meets the needs of their particular product or use. To the best of our knowledge, the information contained in this publication is accurate; however, we do not assume any liability whatsoever for the accuracy and completeness of such information. The information contained in this publication should not be construed as a promise or guarantee of specific properties of our products. It is the sole responsibility of the users to investigate whether any existing patents are infringed by the use of the materials mentioned in this publication. Moreover, there is a need to reduce human exposure to many materials to the lowest practical limits in view of possible adverse

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