

LAPRENE® 83GE9ZA56

LAPRENE 83GE9ZA56 is an injection molding SEBS-based TPE with nominal 56 Shore A hardness in black color, designed for glass encapsulation or other automotive UV exterior applications.

This is a PROVISIONAL datasheet, based on one or a limited number of production lots. Product data shown is subject to change based on lot analysis.

Typical mechanical properties

Stress at 100% 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	706 %	ISO 527-1/-2 or ISO 37
Shore A hardness, 3s	58	ISO 48-4 / ISO 868
Shore A hardness, 15s	56	ISO 48-4 / ISO 868

Other properties

Density	990 kg/m ³	ISO 1183
---------	-----------------------	----------

Injection

Melt Temperature Optimum	215 °C	Internal
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.