

LAPRENE® DEV 5035-32-05 (PRELIMINARY)

LAPRENE 5035-32-05 is a SEBS-based TPE with nominal 85 Shore A hardness. It is intended for injection molding applications requiring high flowability, heat resistance, interior UV resistance and scratch/mar resistance. It is available in standard black color. This product does not require pre-drying under normal environmental conditions prior to use.

Note: LAPRENE 5035-32-05 is an experimental grade. The material formulation and properties are subject to change based on future requirements. This grade has not yet been considered for commercial scale-up.

Typical mechanical properties

Stress at 100% elongation	711 psi	ISO 527-1/-2 or ISO 37
Stress at break	1520 psi	ISO 527-1/-2 or ISO 37
Elongation at break	650 %	ISO 527-1/-2 or ISO 37
Shore A hardness, 3s	85	ISO 48-4 / ISO 868

Other properties

Density	8 lb/gal	ISO 1183
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Injection

Max. mould temperature	68 - 104 °F
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Processing Texts

Longer pre-drying times/storage	The material must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat.
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