# Preliminary ENSOFT SL-651-90A

## ENSOFT

**Product Description :** This polyolefin based thermoplastic elastomer (SEBS) compound is high mineral filled, completely recyclable and specifically designed for extrudability at low temperatures. ENSOFT® series can be processed with conventional thermoplastics machinery

**Additive Packages :** D / Heat and UV stabilizer and lubricant
/

**Key Features :** Good ozone, UV and weathering resistance
Extra smooth, silky surface appearance
Rubberlike elasticity in a wide temperature range
Ease of processing at lower temperatures
Easy colorability with proper MB (PE, PP, etc. Based)

**Process Method :** Extrusion, coextrusion, sheet extrusion

**Uses :** Extruded parts(seals, tubes, profiles, hoses, etc.) for automotive, construction, home appliances, furniture

**Revision Date :** 01.11.2023

| | Value | Unit | Standard |
|---|---|---|---|
| **Physical** | | | |
| Hardness | 90 | SHORE A | ISO 868 (3 second) |
| Density | 1,15 | gr / cm3 | ISO 1183 1-A |
| **Mechanical** | | | |
| 100% Modulus | 3,4 | Mpa | ISO 37(S1,500 mm/min) |
| 300% Modulus | 4,5 | Mpa | ISO 37(S1,500 mm/min) |
| Tensile Strength At Break | 8,2 | Mpa | ISO 37(S1,500 mm/min) |
| Elongation at Break | 551 | % | ISO 37(S1,500 mm/min) |
| Tear Strength (Perpendicular to flow) | 32,4 | N/mm | ISO 34-1 Method B |

| **Environmental Resistance** | |
|---|---|
| Ozone | Excellent |
| Water | Excellent |
| Alcohol | Excellent |
| Olive Oil | Fair |
| Sulphuric Acid | Good |

Data Sheet

***Ravago Petrokimya Uretim A.S.***
***Main Office :*** *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Tel :*** *+90 850 314 70 99*
***Plant :*** *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Fax :*** *+90 262 672 10 51*
***Mail / Web :*** *info@ravagopetrokimya.com.tr* *www.ravagopetrokimya.com.tr*

# Preliminary ENSOFT SL-651-90A

## ENSOFT

| | |
|---|---|
| Detergent | Good |
| **Drying Condition** | |
| Drying Time(hr) | Not required |
| Drying Temperature(°C) | Not required |
| **Extrusion Condition (°C)** | |
| Feed Zone Temperature (°C) | 150 - 170 |
| Compression Zone Temperature (°C) | 160 - 175 |
| Melting Zone Temperature (°C) | 170 - 180 |
| Extruder Head Temperature (°C) | 180 - 190 |
| Die Temperature (°C) | 180 - 200 |

**Important Notice;**

The above results are obtained from the tests conducted in Ravago Petrokimya laboratories on injection molded ISO samples and cannot be used directly to determine end-use or design specification. Datasheet values represent a statistical average of product properties and they may be subject to change as new information becomes available. Customers and other users should make their own independent determination that the product is suitable for the intended use. Ravago Petrokimya accepts no responsibility for results obtained by the application of this information and disclaims all warranties that might arise in connection with this information.

***Ravago Petrokimya Uretim A.S.***

***Main Office :*** *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Tel :*** *+90 850 314 70 99*

***Plant :*** *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Fax :*** *+90 262 672 10 51*

***Mail / Web :*** *info@ravagopetrokimya.com.tr* *www.ravagopetrokimya.com.tr*