



**ENSOFT SL-674-90A**

**ENSOFT-S**

**Product Description :** This polyolefin based thermoplastic elastomer (SEBS) compound is high mineral filled, completely recyclable and suitable for general purpose applications. ENSOFT® series can be processed with conventional thermoplastics machinery.

**Additive Packages :** T / Heat and UV stabilizer  
/

**Key Features :** Rubberlike elasticity  
Ease of coloring by proper MB (PE,PP,etc. based)  
Ease of processing (no pre-drying requested)  
Recyclability

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

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

	Value	Unit	Standard
<b>Physical</b>			
Hardness	90	SHORE A	ISO 868 (3 second)
Density	1,20	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	4,2	Mpa	ISO 37, DIN 53504
300% Modulus	5,0	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	8,0	Mpa	ISO 37, DIN 53504,ASTM D412
Elongation at Break	>550	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	58	N/mm	ISO 34-1

**Environmental Resistance**

Ozone	Excellent
Water	Excellent
Alcohol	Excellent
Olive Oil	Fair
Sulphuric Acid	Good



Ravago Petrokimya Uretim A.S.



**ENSOFT SL-674-90A**

**ENSOFT-S**

---

Detergent	Good
-----------	------

---

**Drying Condition**

Drying Time(hr)	Not required
Drying Temperature(°C)	Not required

---

**Molding Condition (°C)**

1st Zone (hopper)(°C)	150-160
2nd Zone(°C)	160-170
3rd Zone(°C)	170-180
Nozzle(°C)	185-190
Melt Temperature(°C)	190-200
Mold Temperature(°C)	10-50
Max Allowable Melt Temperature(°C)	250 C

---

**Extrusion Condition (°C)**

Feed Zone Temperature (°C)	170 - 190
Compression Zone Temperature (°C)	180 - 195
Melting Zone Temperature (°C)	195 - 205
Extruder Head Temperature (°C)	200 - 210
Die Temperature (°C)	200 - 220

