



**Preliminary ENSOFT SL-400-90A**

**ENSOFT-S**

**Product Description :** This polyolefin based thermoplastic elastomer (SEBS) compound is transparent, unfilled and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery

**Additive Packages :** T / Heat and UV stabilizer  
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**Key Features :** Transparent  
Excellent ozone and weathering resistance  
Rubberlike elasticity in a wide temperature range  
Easy colorability with proper MB (PE, PP, etc. based).

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

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

	Value	Unit	Standard
<b>Physical</b>			
Hardness	90	SHORE A	ISO 868 (3 second)
Density	0,9	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	4,5	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	6,2	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	12,9	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	731	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	72	N/mm	ISO 34-1 Method B

**Environmental Resistance**

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



Ravago Petrokimya Uretim A.S.



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#### Drying Condition

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

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#### 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

