



**ENSOFT SL-154-40D**

**ENSOFT-S**

**Product Description :** This polyolefin based thermoplastic elastomer (SEBS) compound is high mineral filled, completely recyclable and possible alternative to replace PVC in various applications. ENSOFT® series can be processed with conventional thermoplastics machinery

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

**Key Features :** Good ozone and UV resistance  
Easy processing  
Rubberlike elasticity  
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	40	SHORE D	ISO 868 (3 second )
Density	1,16	gr / cm3	ISO 1183 1-A
Brittleness Temperature	-55	°C	ASTM D746
<b>Mechanical</b>			
100% Modulus	3,9	Mpa	ISO 37, DIN 53504
300% Modulus	4,9	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	8	Mpa	ISO 37, DIN 53504
Elongation at Break	588	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	65	kN/m	ISO 34-1
<b>Thermal</b>			
Max. Dynamic Service Temperature	90	°C	*
Max. Static Service Temperature	110	°C	*
<b>Environmental Resistance</b>			
Ozone	Excellent		
Water	Excellent		



Ravago Petrokimya Uretim A.S.



## ENSOFT SL-154-40D

### ENSOFT-S

---

Alcohol	Excellent
Olive Oil	Fair
Sulphuric Acid	Good
Detergent	Good

---

#### Drying Condition

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

---

#### 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

