



**ENSOF T SD-641-65A**

**ENSOF T-S**

- Product Description :** This polyolefin based thermoplastic elastomer (SEBS) compound is medium mineral filled, completely recyclable and specifically designed for extrudability at low temperatures. ENSOF T® series can be processed with conventional thermoplastics machinery
- Additive Packages :** D / Heat and UV stabilizer and lubricant /
- Key Features :** Excellent 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

	Value	Unit	Standard
<b>Physical</b>			
Hardness	65	SHORE A	ISO 868 (3 second)
Density	1,08	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	2,1	Mpa	ISO 37, DIN 53504
300% Modulus	2,6	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	8,5	Mpa	ISO 37, DIN 53504
Elongation at Break	745	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	35	kN/m	ISO 34-1
<b>Aging</b>			
Compression Set (72h/23°C)	22	%	ISO 815
Compression Set (22h/70°C)	50	%	ISO 815
<b>Thermal</b>			
Max. Dynamic Service Temperature	90	°C	*
Max. Static Service Temperature	135	°C	*

**Environmental Resistance**



Ravago Petrokimya Uretim A.S.



## ENSOFT SD-641-65A

### ENSOFT-S

---

Ozone	Excellent
Water	Excellent
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)	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

