



## ENSOFT SD-667-65A

### ENSOFT-S

<b>Product Description :</b>	This polyolefin based thermoplastic elastomer (SEBS) compound is medium mineral filled, completely recyclable and specifically designed for low compression set at high temperature. ENSOFT® series can be processed with conventional thermoplastics machinery
<b>Additive Packages :</b>	T / Heat and UV stabilizer /
<b>Key Features :</b>	Excellent ozone, UV and weathering resistance Extra smooth, silky surface appearance Rubberlike elasticity in a wide temperature range Ease of processing Easy colorability with proper MB (PE, PP, etc. Based)
<b>Process Method :</b>	Extrusion, coextrusion, sheet extrusion
<b>Uses :</b>	Construction, automotive, electric&electronics, wire&cable, industrial applications

	Value	Unit	Standard
<b>Physical</b>			
Hardness	65	SHORE A	ISO 868 (3 second)
Density	1,20	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	1,65	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	2,65	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	6,2	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	>550	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	31	N/mm	ISO 34-1 Method B
<b>Aging</b>			
Compression Set (72h/23°C)	21,5	%	ISO 815
Compression Set (22h/70°C)	29	%	ISO 815
Compression Set (22h/100°C)	33	%	ISO 815

#### Environmental Resistance

Ozone	Excellent
-------	-----------



Ravago Petrokimya Uretim A.S.



## ENSOFT SD-667-65A

### ENSOFT-S

---

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

---

#### **Drying Condition**

Drying Time(hr)	2-4
Drying Temperature(°C)	80

---

#### **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

