



## ENOFT SO-646-65A-T2-CM

### ENSOF-T-S

<b>Product Description :</b>	This polyolefin based thermoplastic elastomer (SEBS) compound is medium mineral filled, completely recyclable and suitable for automotive interior applications with low fogging and odour requirements.
<b>Additive Packages :</b>	T / Heat and UV stabilizer /
<b>Key Features :</b>	Low fogging and odour Excellent ozone, UV and weathering resistance Rubberlike elasticity in a wide temperature range Easy colorability with proper MB (PE, PP, etc. based)
<b>Process Method :</b>	Injection, multi-injection, co-injection molding
<b>Uses :</b>	Automotive applications especially car mat

	Value	Unit	Standard
<b>Physical</b>			
Hardness	65	SHORE A	ISO 868 (3 second )
Density	1,10	gr / cm3	ISO 1183 1-A
Brittleness Point	-55	°C	*
<b>Mechanical</b>			
100% Modulus	1,7	Mpa	ISO 37, DIN 53504
300% Modulus	2,4	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	4,3	Mpa	ISO 37, DIN 53504
Elongation at Break	700	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	30	kN/m	ISO 34-1
<b>Aging</b>			
Compression Set (72h/23°C)	28	%	ISO 815
Compression Set (22h/70°C)	68	%	ISO 815
<b>Thermal</b>			
Max. Dynamic Service Temperature	90	°C	*

#### Environmental Resistance



Ravago Petrokimya



## ENOFT SO-646-65A-T2-CM

### 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

---

#### 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

