



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

**ENSOFT-S**

**Product Description :** 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.

**Additive Packages :** T / Heat and UV stabilizer  
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**Key Features :** 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)

**Process Method :** Injection, multi-injection, co-injection molding

**Uses :** 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**



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

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**Drying Condition**

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

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**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

