



ENSOFT SO-146-60A-T

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 /
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 molding
Uses :	Automotive applications especially car mat

	Value	Unit	Standard
Physical			
Hardness	60	SHORE A	ISO 868 (3 second)
Density	1,10	gr / cm3	ISO 1183 1-A
Odor	1	Rel. (1-4)	BO 131-01
Mechanical			
100% Modulus	1,5	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	2,0	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	6,5	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	750	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	28	N/mm	ISO 34-1 Method B
Flammability			
Horizontal Burning Rate	<80	mm/min	FMVSS 49 CFR 571.302,ISO 3795
Thermal			
Fogging (100°C, 16 hr , post test condition 4 hr)	1,1	mg	DIN 75201 Method B, ISO 6452,SAE J1756

Environmental Resistance



Ravago Petrokimya Uretim A.S.



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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

