



**ENSOFT SO-320-25A**

**ENSOFT-S**

**Product Description :** This polyolefin based thermoplastic elastomer (SEBS) compound is low mineral filled, high performance and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery

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

**Uses :** Industrial applications, automotive, consumer goods, home&kitchen appliances

	Value	Unit	Standard
<b>Physical</b>			
Hardness	25	SHORE A	ISO 868 (3 second)
Density	0,98	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	0,6	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	1	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	3,8	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	800	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	11	N/mm	ISO 34-1 Method B
<b>Aging</b>			
Compression Set (72h/23°C)	11	%	ISO 815
Compression Set (22h/70°C)	33	%	ISO 815
Compression Set (22h/100°C)	54	%	ISO 815
<b>Environmental Resistance</b>			
Ozone	Excellent		
Water	Excellent		
Alcohol	Excellent		



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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

