



## ENSOFT SX-400-60A

### ENSOFT-S

<b>Product Description :</b>	This polyolefin based thermoplastic elastomer (SEBS) compound is transparent, unfilled and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery
<b>Additive Packages :</b>	T / Heat and UV stabilizer /
<b>Key Features :</b>	Transparent Excellent ozone and weathering resistance Rubberlike elasticity in a wide temperature range Super high flow for difficult injection molding applications Easy colorability with proper MB (PE, PP, etc. based).
<b>Process Method :</b>	Injection/multi injection molding
<b>Uses :</b>	Industrial applications, personal care, toys, consumer goods

	Value	Unit	Standard
<b>Physical</b>			
Hardness	60	SHORE A	ISO 868 (3 second)
Density	0,89	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	1,9	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	3	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	5	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	600	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	33	N/mm	ISO 34-1 Method B
<b>Aging</b>			
Compression Set (72h/23°C)	27	%	ISO 815

#### Environmental Resistance

Ozone	Excellent
Water	Excellent
Alcohol	Excellent
Olive Oil	Fair



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Sulphuric Acid	Good
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Detergent	Good
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#### Drying Condition

Drying Time(hr)	Not required
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Drying Temperature(°C)	Not required
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#### Molding Condition (°C)

1st Zone (hopper)(°C)	150-160
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2nd Zone(°C)	160-170
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3rd Zone(°C)	170-180
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Nozzle(°C)	185-190
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Melt Temperature(°C)	190-200
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Mold Temperature(°C)	10-50
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Max Allowable Melt Temperature(°C)	250 C
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