



## ENSOFT TO-330-90A

### ENSOFT-T

<b>Product Description :</b>	This polyolefin based thermoplastic elastomer (SBS) compound is medium mineral filled, high performance and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery.
<b>Additive Packages :</b>	H / Heat stabilizer /
<b>Key Features :</b>	Rubberlike elasticity Ease of coloring by proper MB (PE, PP, etc. based) Ease of processing Recyclability
<b>Process Method :</b>	Injection / multi injection molding
<b>Uses :</b>	Industrial applications, house appliances, consumer goods

	Value	Unit	Standard
<b>Physical</b>			
Hardness	90	SHORE A	ISO 868 (3 second )
Density	1,05	gr / cm3	ISO 1183 1-A
Brittleness Point	-40	°C	*
<b>Mechanical</b>			
100% Modulus	4,4	Mpa	ISO 37, DIN 53504
300% Modulus	5,5	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	6,4	Mpa	ISO 37, DIN 53504
Elongation at Break	395	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	65	kN/m	ISO 34-1
<b>Aging</b>			
Compression Set (72h/23°C)	48	%	ASTM D 395-89-B
<b>Thermal</b>			
Max. Dynamic Service Temperature	70	°C	*
Max. Static Service Temperature	90	°C	*





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#### Environmental Resistance

Water	Excellent
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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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