



## ENSOFT TO-620-85A

### ENSOFT-T

<b>Product Description :</b>	This polyolefin based thermoplastic elastomer (SBS) compound is low mineral filled, high performance 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>	Ozone and weathering resistance Rubberlike elasticity in a wide temperature range Easy colorability with proper MB (PE, PP, etc. based)
<b>Process Method :</b>	Injection / multi injection molding
<b>Uses :</b>	Industrial applications, house appliances, consumer goods

	Value	Unit	Standard
<b>Physical</b>			
Hardness	85	SHORE A	ISO 868 (3 second )
Density	0,99	gr / cm3	ISO 1183 1-A
Brittleness Point	-40	°C	*
<b>Mechanical</b>			
100% Modulus	4,8	Mpa	ISO 37, DIN 53504
300% Modulus	5,8	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	7,4	Mpa	ISO 37, DIN 53504
Elongation at Break	540	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	60	kN/m	ISO 34-1
<b>Aging</b>			
Compression Set (72h/23°C)	34	%	ISO 815
<b>Thermal</b>			
Max. Dynamic Service Temperature	70	°C	*
Max. Static Service Temperature	90	°C	*

#### Environmental Resistance



Ravago Petrokimya



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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)	230 C
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