



**ENSOFT TO-620-85A**

**ENSOFT-T**

**Product Description :** 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

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