



**Preliminary ENSOFT TO-610-55A-T**

**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	55	SHORE A	ISO 868 (3 second)
Density	0,93	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	1,8	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	2,5	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	8,5	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	850	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	40	N/mm	ISO 34-1 Method B
<b>Aging</b>			
Compression Set (72h/23°C)	27	%	ISO 815

**Environmental Resistance**

Water Excellent

**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
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

