



**ENSOFT TO-620-40D**

**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	40	SHORE D	ISO 868 (3 second)
Density	0,99	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	8,6	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	9,3	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	10,8	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	400	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	55	N/mm	ISO 34-1 Method B

**Environmental Resistance**

Water	Excellent
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**Drying Condition**

Drying Time(hr)	Not required
Drying Temperature(°C)	Not required

**Molding Condition (°C)**

1st Zone (hopper)(°C)	150-160
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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)	230 C

