



**ENSOFT TX-160-25A**

**ENSOFT-T**

**Product Description :** This polyolefin based thermoplastic elastomer (SBS) compound is high mineral filled, general purpose grade and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery.

**Additive Packages :** A / Heat and UV stabilizer and antistatic additive /

**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	25	SHORE A	ISO 868 (3 second )
Density	1,18	gr / cm3	ISO 1183 1-A
Brittleness Point	-40	°C	*
<b>Mechanical</b>			
100% Modulus	0,4	Mpa	ISO 37, DIN 53504
300% Modulus	0,7	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	2,1	Mpa	ISO 37, DIN 53504
Elongation at Break	650	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	11	kN/m	ISO 34-1
<b>Aging</b>			
Compression Set (72h/23°C)	18	%	ASTM D 395-89-B
<b>Thermal</b>			
Max. Dynamic Service Temperature	70	°C	*
Max. Static Service Temperature	90	°C	*

**Environmental Resistance**

Data Sheet



Ravago Petrokimya



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Water	Excellent
<b>Drying Condition</b>	
Drying Time(hr)	Not required
Drying Temperature(°C)	Not required
<b>Molding Condition (°C)</b>	
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

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