



ENSOFT TX-100-25A

ENSOFT-T

Product Description : This polyolefin based thermoplastic elastomer (SBS) compound is unfilled, high performance 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
Physical			
Hardness	25	SHORE A	ISO 868 (3 second)
Density	0,90	gr / cm3	ISO 1183 1-A
Brittleness Point	-55	°C	*
Mechanical			
100% Modulus	0,3	Mpa	ISO 37, DIN 53504
300% Modulus	0,5	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	1,7	Mpa	ISO 37, DIN 53504
Elongation at Break	650	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	19	kN/m	ISO 34-1
Aging			
Compression Set (72h/23°C)	22	%	ASTM D 395-89-B
Thermal			
Max. Dynamic Service Temperature	90	°C	*
Max. Static Service Temperature	110	°C	*





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Environmental Resistance

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)	250 C
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Ravago Petrokimya