



ENSOFT TX-140-15A

ENSOFT-T

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

Additive Packages : H / Heat stabilizer
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Key Features : Rubberlike elasticity
Ease of coloring by proper MB (PE, PP, etc. based)
Ease of processing
Recyclability

Process Method : Injection / multi injection molding

Uses : Industrial applications, house appliances, consumer goods

	Value	Unit	Standard
Physical			
Hardness	15	SHORE A	ISO 868 (3 second)
Density	1,11	gr / cm3	ISO 1183 1-A
Brittleness Point	-40	°C	*
Mechanical			
100% Modulus	0,2	Mpa	ISO 37, DIN 53504
300% Modulus	0,5	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	1,1	Mpa	ISO 37, DIN 53504
Elongation at Break	700	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	7	kN/m	ISO 34-1
Aging			
Compression Set (72h/23°C)	23	%	ASTM D 395-89-B
Thermal			
Max. Dynamic Service Temperature	70	°C	*
Max. Static Service Temperature	90	°C	*

Environmental Resistance



Ravago Petrokimya



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Water	Excellent
Drying Condition	
Drying Time(hr)	Not required
Drying Temperature(°C)	Not required
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



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