



ENSOFT TO-330-90A

ENSOFT-T

Product Description : This polyolefin based thermoplastic elastomer (SBS) compound is medium mineral filled, high performance 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	90	SHORE A	ISO 868 (3 second)
Density	1,05	gr / cm3	ISO 1183 1-A
Brittleness Point	-40	°C	*
Mechanical			
100% Modulus	4,4	Mpa	ISO 37, DIN 53504
300% Modulus	5,5	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	6,4	Mpa	ISO 37, DIN 53504
Elongation at Break	395	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	65	kN/m	ISO 34-1
Aging			
Compression Set (72h/23°C)	48	%	ASTM D 395-89-B
Thermal			
Max. Dynamic Service Temperature	70	°C	*
Max. Static Service Temperature	90	°C	*

Data Sheet



Ravago Petrokimya



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Environmental Resistance

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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