



ENSOFT TO-620-60A

ENSOFT-T

Product Description : 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.

Additive Packages : T / Heat and UV stabilizer
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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	60	SHORE A	ISO 868 (3 second)
Density	0,99	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	1,5	Mpa	ISO 37, DIN 53504
300% Modulus	2,5	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	4,3	Mpa	ISO 37, DIN 53504
Elongation at Break	740	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	30	N/mm	ISO 34-1
Aging			
Compression Set (72h/23°C)	19	%	ISO 815
Thermal			
Max. Dynamic Service Temperature	70	°C	*
Max. Static Service Temperature	90	°C	*
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
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

