



Preliminary ENSOFT TO-610-55A-T

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 /
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	55	SHORE A	ISO 868 (3 second)
Density	0,93	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	1,8	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	2,5	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	8,5	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	850	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	40	N/mm	ISO 34-1 Method B
Aging			
Compression Set (72h/23°C)	27	%	ISO 815
Environmental Resistance			
Water	Excellent		
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
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

