



ENSOFT TM-160-65A

ENSOFT-T

Product Description : This polyolefin based thermoplastic elastomer (SBS) compound is high 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 : 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	65	SHORE A	ISO 868 (3 second)
Density	1,18	gr / cm ³	ISO 1183 1-A
Mechanical			
100% Modulus	1,7	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	3,5	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	4,4	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	435	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	30	N/mm	ISO 34-1 Method B
Aging			
Compression Set (72h/23°C)	23	%	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

