



ENSOFT SO-160-50A

ENSOFT-S

Product Description :	This polyolefin based thermoplastic elastomer (SEBS) compound is produced high mineral filled and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery.
Additive Packages :	T / Heat and UV stabilizer /
Key Features :	Excellent ozone, UV 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, automotive, personal care, toys, consumer goods, home&kitchen appliances

	Value	Unit	Standard
Physical			
Hardness	50	SHORE A	ISO 868 (3 second)
Density	1,18	gr / cm3	ISO 1183 1-A
Brittleness Point	-55	°C	*
Mechanical			
100% Modulus	1,3	Mpa	ISO 37, DIN 53504
300% Modulus	2,2	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	4,5	Mpa	ISO 37, DIN 53504
Elongation at Break	640	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	25	kN/m	ISO 34-1
Aging			
Compression Set (72h/23°C)	15	%	ASTM D 395-89-B
Compression Set (22h/70°C)	45	%	ASTM D 395-89-B
Thermal			
Max. Dynamic Service Temperature	90	°C	*
Max. Static Service Temperature	110	°C	*

Resistance



Ravago Petrokimya



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Ozone	Excellent
Water	Excellent
Alcohol	Excellent
Olive Oil	Fair
Sulphuric Acid	Good
Detergent	Good

Drying Condition

Drying Time(hr)	Not required
Drying Temperature(C)	Not required

Molding Condition

Barrel Rear	150-160
Barrel Center	160-170
Barrel Front	170-180
Nozzle	185-190
Melt Temperature	190-200
Mould Temperature	10-50
Max Allowable Melt Temperature	250 C