



## Preliminary ENSOFT SX-370-60A

### ENSOFT-S

<b>Product Description :</b>	This polyolefin based thermoplastic elastomer (SEBS) compound is high mineral filled, completely recyclable and suitable for general purpose applications. ENSOFT® series can be processed with conventional thermoplastics machinery
<b>Additive Packages :</b>	H / Heat stabilizer /
<b>Key Features :</b>	Excellent ozone, UV and weathering resistance Rubberlike elasticity in a wide temperature range Easy colorability with proper MB (PE, PP, etc. based)
<b>Process Method :</b>	Injection, sheet extrusion, calendering
<b>Uses :</b>	Industrial applications, carpet backing, home appliances

	Value	Unit	Standard
<b>Physical</b>			
Hardness	60	SHORE A	ISO 868 (3 second)
Density	1,22	gr / cm <sup>3</sup>	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	1,4	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	2,3	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	3,1	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	435	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	17	N/mm	ISO 34-1 Method B

#### Environmental Resistance

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





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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)	170-180
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2nd Zone(°C)	180-190
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3rd Zone(°C)	190-200
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Nozzle(°C)	200-210
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Melt Temperature(°C)	210-220
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Mold Temperature(°C)	10-50
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Max Allowable Melt Temperature(°C)	250 C
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