



ENSOFT SL-674-90A

ENSOFT-S

Product Description :	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.
Additive Packages :	T / Heat and UV stabilizer /
Key Features :	Rubberlike elasticity Ease of coloring by proper MB (PE,PP,etc. based) Ease of processing (no pre-drying requested) Recyclability
Process Method :	Extrusion, coextrusion, sheet extrusion
Uses :	Extruded parts (seals, tubes, profiles, hoses, etc.) for automotive, construction, home appliances, furniture

	Value	Unit	Standard
Physical			
Hardness	90	SHORE A	ISO 868 (3 second)
Density	1,20	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	4,2	Mpa	ISO 37, DIN 53504
300% Modulus	5,0	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	8,0	Mpa	ISO 37, DIN 53504,ASTM D412
Elongation at Break	>550	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	58	N/mm	ISO 34-1

Environmental Resistance

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



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Detergent	Good
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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
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2nd Zone(°C)	160-170
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3rd Zone(°C)	170-180
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Nozzle(°C)	185-190
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Melt Temperature(°C)	190-200
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Mold Temperature(°C)	10-50
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Max Allowable Melt Temperature(°C)	250 C
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Extrusion Condition (°C)

Feed Zone Temperature (°C)	170 - 190
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Compression Zone Temperature (°C)	180 - 195
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Melting Zone Temperature (°C)	195 - 205
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Extruder Head Temperature (°C)	200 - 210
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Die Temperature (°C)	200 - 220
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