



ENSOFT SL-600-40A

ENSOFT

Product Description : This polyolefin based thermoplastic elastomer (SEBS) compound is unfilled, high performance and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery

Additive Packages : A / Heat and UV stabilizer and antistatic additive
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Key Features : Translucent
Good ozone, UV and weathering resistance
Rubberlike elasticity in a wide temperature range
Easy colorability with proper MB (PE, PP, etc. based)

Process Method : Extrusion, coextrusion, sheet extrusion

Uses : Extruded parts (seals, tubes, profiles, hoses, etc.) for construction, furniture, home appliances

	Value	Unit	Standard
Physical			
Hardness	40	SHORE A	ISO 868 (3 second)
Density	0,90	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	0,5	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	0,9	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	8	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	750	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	25	N/mm	ISO 34-1 Method B
Aging			
Compression Set (72h/23°C)	20	%	ISO 815
Compression Set (22h/70°C)	40	%	ISO 815

Environmental Resistance

Ozone	Excellent
Water	Excellent
Alcohol	Excellent



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Olive Oil	Fair
Sulphuric Acid	Good
Detergent	Good
Drying Time(hr)	Not required
Drying Temperature(°C)	Not required

Extrusion Condition (°C)

Feed Zone Temperature (°C)	150 - 170
Compression Zone Temperature (°C)	160 - 175
Melting Zone Temperature (°C)	175 - 185
Extruder Head Temperature (°C)	180 - 190
Die Temperature (°C)	180 - 200

