



ENSOFT SL-154-80A

ENSOFT-S

Product Description : This polyolefin based thermoplastic elastomer (SEBS) compound is high mineral filled, completely recyclable and possible alternative to replace PVC in various applications. ENSOFT® series can be processed with conventional thermoplastics machinery

Additive Packages : T / Heat and UV stabilizer
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Key Features : Good ozone and UV resistance. Easy processing. Rubberlike elasticity. 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 and furniture

	Value	Unit	Standard
Physical			
Hardness	80	SHORE A	ISO 868 (3 second)
Density	1,17	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	2,6	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	3,3	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	7,7	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	744,8	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	29,8	N/mm	ISO 34-1 Method B
Aging			
Compression Set (72h/23°C)	40,4	%	ISO 815

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
Drying Temperature(°C)	Not required

Extrusion Condition (°C)

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

