



## ENSOFT SL-161-55A

### ENSOFT-S

<b>Product Description :</b>	This polyolefin based thermoplastic elastomer (SEBS) compound is produced with food contact compliant high mineral filled, completely recyclable and suitable for general purpose applications. ENSOFT® series can be processed with conventional thermoplastics machinery
<b>Additive Packages :</b>	T / Heat and UV 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>	Extrusion, coextrusion, sheet extrusion
<b>Uses :</b>	Extruded parts (seals, tubes, profiles, hoses, etc.) for automotive, construction, home appliances, furniture

	Value	Unit	Standard
<b>Physical</b>			
Hardness	55	SHORE A	ISO 868 (3 second)
Density	1,18	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	1,1	Mpa	ISO 37, DIN 53504
300% Modulus	1,7	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	5,3	Mpa	ISO 37, DIN 53504
Elongation at Break	700	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	28	N/mm	ISO 34-1 Method B
<b>Aging</b>			
Compression Set (72h/23°C)	19	%	ISO 815
Compression Set (22h/70°C)	42	%	ISO 815

#### Environmental Resistance

Ozone	Excellent
Water	Excellent



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Alcohol	Excellent
Olive Oil	Fair
Sulphuric Acid	Good
Detergent	Good

#### Drying Condition

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

#### Extrusion Condition (°C)

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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

