



ENSOFT SL-141-60A

ENSOFT-S

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| Product Description : | This polyolefin based thermoplastic elastomer (SEBS) compound is medium 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 : | Excellent 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 automotive, construction, home appliances, furniture |

| | Value | Unit | Standard |
|---------------------------------------|-------|----------|-----------------------|
| Physical | | | |
| Hardness | 60 | SHORE A | ISO 868 (3 second) |
| Density | 1,14 | gr / cm3 | ISO 1183 1-A |
| Mechanical | | | |
| 100% Modulus | 1,5 | Mpa | ISO 37(S1,500 mm/min) |
| 300% Modulus | 2,1 | Mpa | ISO 37(S1,500 mm/min) |
| Tensile Strength At Break | 7,5 | Mpa | ISO 37(S1,500 mm/min) |
| Elongation at Break | 740 | % | ISO 37(S1,500 mm/min) |
| Tear Strength (Perpendicular to flow) | 33 | N/mm | ISO 34-1 Method B |
| Aging | | | |
| Compression Set (72h/23°C) | 22 | % | ISO 815 |
| Compression Set (22h/70°C) | 43 | % | ISO 815 |

Environmental Resistance

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|-----------|-----------|
| Ozone | Excellent |
| Water | Excellent |
| Alcohol | Excellent |
| Olive Oil | Fair |



Ravago Petrokimya Uretim A.S.



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|----------------|------|
| Sulphuric Acid | Good |
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| Detergent | Good |
|-----------|------|

Drying Condition

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|-----------------|--------------|
| Drying Time(hr) | Not required |
|-----------------|--------------|

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|------------------------|--------------|
| Drying Temperature(°C) | Not required |
|------------------------|--------------|

Extrusion Condition (°C)

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|----------------------------|-----------|
| 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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