ENSOFT SD-161-50D

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 :	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
Revision Date :	01.11.2021

	Value	Unit	Standard
Physical			
Hardness	50	SHORE D	ISO 868 (3 second)
Density	1,18	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	9,5	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	10,5	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	18	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	550	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	130	N/mm	ISO 34-1 Method B

Environmental Resistance	
Ozone	Excellent
Water	Excellent
Alcohol	Excellent
Olive Oil	Fair
Sulphuric Acid	Good
Detergent	Good

Drying Condition

Data Sheet

Ravago Petrokimya Uretim A.S.

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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

Important Notice;

The above results are obtained from the tests conducted in Ravago Petrokimya laboratories on injection molded ISO samples and cannot be used directly to determine end-use or design specification. Datasheet values represent a statistical average of product properties and they may be subject to change as new information becomes available. Customers and other users should make their own independent determination that the product is suitable for the intended use. Ravago Petrokimya accepts no responsibility for results obtained by the application of this information and disclaims all warranties that might arise in connection with this information.

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