

Preliminary ENSOFT SO-181-40A

ENSOFT-S



Product Description :	This polyolefin based thermoplastic elastomer (SEBS) compound is mineral filled, completely recyclable and specifically designed for extrudability at low temperatures. ENSOFT® series can be processed with conventional thermoplastics machinery
Additive Packages :	T / Heat and UV stabilizer /
Key Features :	Ozone, UV and weathering resistance Extra smooth, silky surface appearance Rubberlike elasticity in a wide temperature range Ease of processing at lower temperatures Easy colorability with proper MB (PE, PP, etc. Based)
Process Method :	Extrusion, coextrusion, sheet extrusion, injection molding
Uses :	Automotive, construction, home appliances, wire& cable, industrial applications
Revision Date :	01.02.2023

	Value	Unit	Standard
Physical			
Hardness	40	SHORE A	ISO 868 (3 second)
Density	1,32	gr / cm ³	ISO 1183 1-A
Mechanical			
100% Modulus	0,7	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	1,3	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	3,2	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	682	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	11,7	N/mm	ISO 34-1 Method B

Environmental Resistance

Ozone	Excellent
Water	Excellent
Alcohol	Excellent
Olive Oil	Fair
Sulphuric Acid	Good



Ravago Petrokimya Uretim A.S.

Main Office : Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey

Plant : Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey

Mail / Web : info@ravagopetrokimya.com.tr

Tel : +90 850 314 70 99

Fax : +90 262 672 10 51

www.ravagopetrokimya.com.tr

Preliminary ENSOFT SO-181-40A

ENSOFT-S



Detergent	Good
-----------	------

Drying Condition

Drying Time(hr)	Not required
Drying Temperature(C)	Not required
1st Zone (hopper)(°C)	170-180
2nd Zone(°C)	180-190
3rd Zone(°C)	190-200
Nozzle(°C)	200-210
Melt Temperature(°C)	210-220
Mold Temperature(°C)	10-50

Extrusion Condition (°C)

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

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.



Ravago Petrokimya Uretim A.S.

Main Office : Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey

Plant : Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey

Mail / Web : info@ravagopetrokimya.com.tr

Tel : +90 850 314 70 99

Fax : +90 262 672 10 51

www.ravagopetrokimya.com.tr