Preliminary ENSOFT SD53570A

ENSOFT

Product Description :	This polyolefin based flame retardant thermoplastic elastomer (SEBS) compound is halogen free SEBS series and completely recyclable.ENSOFT® series can be processed with conventional thermoplastics machinery
Additive Packages :	F / Heat and UV stabilizer and flame Retardant /
Key Features :	Rubberlike elasticity Ease of coloring (if needed) by proper MB (PE,PP,etc. based) Ease of processing Recyclability
Process Method :	Extrusion, coextrusion, sheet extrusion
Uses :	Extruded parts (seals, tubes, profiles, hoses, etc.) for automotive, transportation, electric&electronics, home appliances
Revision Date :	01.03.2020

	Value	Unit	Standard
Physical			
Hardness	70	SHORE A	ISO 868 (3 second)
Density	1,02	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	2,1	Mpa	ISO 37, DIN 53504
300% Modulus	3,1	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	7	Mpa	ISO 37, DIN 53504,ASTM D412
Elongation at Break	650	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	36	N/mm	ISO 34-1
Aging			
Compression Set (72h/23°C)	23	%	ISO 815
Compression Set (22h/70°C)	39	%	ISO 815
Flammability			
Flammability (1,6 mm)	V0	*	UL 94
Flammability (3,2 mm)	V0	*	UL 94

Data Sheet

Ravago Petrokimya Uretim A.S.

Main Office : *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Tel :*** *+90 850 314 70 99*

Plant : *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Fax :*** *+90 262 672 10 51*

Mail / Web : *info@ravagopetrokimya.com.tr* *www.ravagopetrokimya.com.tr*

Preliminary ENSOFT SD53570A

ENSOFT

Environmental Resistance	
Ozone	Excellent
Water	Excellent
Alcohol	Excellent
Olive Oil	Fair
Sulphuric Acid	Good
Detergent	Good
Drying Condition	
Drying Time(hr)	2-3
Drying Temperature(°C)	80
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.

Ravago Petrokimya Uretim A.S.

Main Office : *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Tel :*** *+90 850 314 70 99*

Plant : *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Fax :*** *+90 262 672 10 51*

Mail / Web : *info@ravagopetrokimya.com.tr* *www.ravagopetrokimya.com.tr*