

## ENSOFT SX-201-70A

### ENSOFT



<b>Product Description :</b>	This polyolefin based thermoplastic elastomer (SEBS) compound is specifically designed for adhesion to PA and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery
<b>Additive Packages :</b>	T / Heat and UV stabilizer /
<b>Key Features :</b>	Adhesion to PA 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>	Injection/multi injection molding
<b>Uses :</b>	Soft touch grips, handles, consumer goods, home&kitchen appliances, automotive
<b>Revision Date :</b>	01.02.2023

	Value	Unit	Standard
<b>Physical</b>			
Hardness	70	SHORE A	ISO 868 (3 second)
Density	0,9	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	2	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	3	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	10	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	750	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	30	N/mm	ISO 34-1 Method B
Adhesion to PA 6	4,0 (B/D)	N/mm	VDI 2019
Adhesion to PA 6.6	4,5 (D)	N/mm	VDI 2019
Adhesion to PA 6 (30GF)	4,4 (B/D)	N/mm	VDI 2019
<b>Aging</b>			
Compression Set (72h/23°C)	28	%	ISO 815
Compression Set (22h/70°C)	52	%	ISO 815

### Environmental Resistance



#### Ravago Petrokimya Uretim A.S.

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

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#### Molding Condition (°C)

1st Zone (hopper)(°C)	220-240
2nd Zone(°C)	225-245
3rd Zone(°C)	230-250
Nozzle(°C)	235-255
Melt Temperature(°C)	240-260
Mold Temperature(°C)	80
Max Allowable Melt Temperature(°C)	260 C

#### Important Notice;

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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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