



## ENSOFT SO-219-30A

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<b>Product Description :</b>	This polyolefin based thermoplastic elastomer (SEBS) compound is produced with food contact compliant raw materials and specifically designed for adhesion to PS, PC, ABS, PC/ABS 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 PS, PC, ABS, PC/ABS 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>	Extrusion, coextrusion, injection, multi-injection, co-injection molding
<b>Uses :</b>	Soft touch grips, handles, consumer goods, home&kitchen appliances, automotive

	Value	Unit	Standard
<b>Physical</b>			
Hardness	30	SHORE A	ISO 868 (3 second)
Density	0,94	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	0,4	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	1,1	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	6	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	800	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	20	N/mm	ISO 34-1 Method B
Adhesion to ABS	1,8 (A)	N/mm	VDI 2019
Adhesion to PC	2 (A)	N/mm	VDI 2019

#### Drying Condition

Drying Time(hr)	2-3
Drying Temperature(°C)	60-80

#### Molding Condition (°C)

1st Zone (hopper)(°C)	180 - 190
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Ravago Petrokimya Uretim A.S.



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2nd Zone(°C)	190 - 200
3rd Zone(°C)	200 - 210
Nozzle(°C)	210 - 220
Melt Temperature(°C)	200 - 220
Mold Temperature(°C)	30-70
Max Allowable Melt Temperature(°C)	230

