



**Preliminary ENSOFT SX-141-50A-FCA**

**ENSOFT-S**

<b>Product Description :</b>	This polyolefin based thermoplastic elastomer (SEBS) compound is produced with food contact compliant raw materials, medium mineral filled, completely recyclable and suitable for general purpose applications. ENSOFT® series can be processed with conventional thermoplastics machinery
<b>Additive Packages :</b>	T / Heat and UV stabilizer /
<b>Key Features :</b>	Excellent ozone, UV and weathering resistance Rubberlike elasticity in a wide temperature range Super high flow for difficult injection molding applications Easy colorability with proper MB (PE, PP, etc. Based)
<b>Process Method :</b>	Injection/multi injection molding
<b>Uses :</b>	Industrial applications, automotive, personal care, toys, consumer goods, home&kitchen appliances

	Value	Unit	Standard
<b>Physical</b>			
Hardness	50	SHORE A	ISO 868 (3 second)
Density	1,08	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	1,10	Mpa	ISO 37, DIN 53504
300% Modulus	1,70	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	5,4	Mpa	ISO 37, DIN 53504
Elongation at Break	780	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	23	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.



**Preliminary ENSOFT SX-141-50A-FCA**

**ENSOFT-S**

---

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

---

**Drying Condition**

Drying Time(hr)	Not required
-----------------	--------------

Drying Temperature(°C)	Not required
------------------------	--------------

---

**Molding Condition (°C)**

1st Zone (hopper)(°C)	150-160
-----------------------	---------

2nd Zone(°C)	160-170
--------------	---------

3rd Zone(°C)	170-180
--------------	---------

Nozzle(°C)	185-190
------------	---------

Melt Temperature(°C)	190-200
----------------------	---------

Mold Temperature(°C)	10-50
----------------------	-------

Max Allowable Melt Temperature(°C)	250 C
------------------------------------	-------

