



# ENSOFT SD-320-65A

## Ravago Manufacturing Turkey - Thermoplastic Elastomer

### General Information

#### Product Description

Low mineral filled and high performance SEBS series

Additive Packages :

T / Heat and UV stabilizer

Key Features :

Rubberlike elasticity

Ease of coloring by proper MB (PE,PP,etc. based)

Low compression set

Ease of processing (no pre-drying requested)

Recyclability

#### General

Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Filler / Reinforcement	• Mineral		
Additive	• Heat Stabilizer	• UV Stabilizer	
Features	• Chemical Resistant	• Heat Stabilized	• Recyclable Material
	• Good Colorability	• High Elasticity	• UV Stabilized
	• Good Processability	• Low Compression Set	
Processing Method	• Injection Molding		

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm <sup>3</sup>	ISO 2781
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.00	MPa	ISO 37
Tensile Stress (300% Strain)	3.00	MPa	ISO 37
Tensile Stress (Break)	8.50	MPa	ISO 37
Tensile Elongation (Break)	700	%	ISO 37
Tear Strength - Across Flow	41.0	kN/m	ISO 34-1
Compression Set			ASTM D395B
23°C, 72 hr	24	%	
70°C, 22 hr	36	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	65		ISO 868
Thermal	Nominal Value	Unit	
Brittleness Temperature	-55.0	°C	
Service Temperature			
Dynamic	90	°C	
Static	135	°C	

## ENSOFIT SD-320-65A

### Ravago Manufacturing Turkey - Thermoplastic Elastomer

---

#### Processing Information

---

Injection	Nominal Value	Unit
Hopper Temperature	150 to 160	°C
Middle Temperature	160 to 170	°C
Front Temperature	170 to 180	°C
Nozzle Temperature	185 to 190	°C
Processing (Melt) Temp	190 to 200	°C
Mold Temperature	10 to 50	°C

---

#### Injection Notes

---

Max Allowable Melt Temperature: 250°C

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.