ENSOFT SD-161-45D

Ravago Manufacturing Turkey - Thermoplastic Elastomer

Friday, March 6, 2026

General Information

Product Description

Standard, high mineral filled SEBS series

Additive Packages :
T / Heat and UV stabilizer

Key Features :
Rubberlike elasticity
Ease of coloring by proper MB (PE,PP,etc. based)
Medium compression set
Ease of processing
Recyclability

General

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

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm³	ISO 2781
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Abrasion Resistance	93.0	mm³	DIN 53516
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (100% Strain)	11.0	MPa	ISO 37
Tensile Stress (300% Strain)	12.0	MPa	ISO 37
Tensile Stress (Break)	15.0	MPa	ISO 37
Tensile Elongation (Break)	500	%	ISO 37
Tear Strength - Across Flow	102	kN/m	ISO 34-1
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore D, 3 sec)	45		ISO 868
Thermal	**Nominal Value**	**Unit**	
Brittleness Temperature	-55.0	°C	
Service Temperature			
Dynamic	90	°C	
Static	135	°C	

the data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. no liability, warranty or guarantee of product performance is created by this document. ravago industrial quality compounds are totally or partially produced with non-prime quality ingredients. even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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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

[1] Typical properties: these are not to be construed as specifications.

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