ENSOFT SO-161-55A

Ravago Manufacturing Turkey - Thermoplastic Elastomer

Friday, March 6, 2026

General Information

Product Description

This polyolefin based thermoplastic elastomer (SEBS) compound is high mineral filled, completely recyclable and suitable for general purpose applications. ENSOFT® series can be processed with conventional thermoplastics machinery

Additive Packages :
T / Heat and UV stabilizer

Key Features :
Excellent ozone, UV and weathering resistance
Rubberlike elasticity in a wide temperature range
Easy colorability with proper MB (PE, PP, etc. based)

Process Method :
Injection/multi injection molding

Uses :
Industrial applications, automotive, personal care, toys, consumer goods, home&kitchen appliances

General			
Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Filler / Reinforcement	• Mineral		
Additive	• Heat Stabilizer	• UV Stabilizer	
Features	• Chemical Resistant • Good Colorability • Good Weather Resistance	• Heat Stabilized • High Elasticity • Ozone Resistant	• Recyclable Material • UV Resistant • UV Stabilized
Uses	• Appliances • Automotive Applications	• Consumer Applications • Industrial Applications	• Personal Care • Toys
Processing Method	• Injection Molding	• Multi Injection Molding	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm³	ISO 1183/A
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (100% Strain)	1.20	MPa	ISO 37
Tensile Stress (300% Strain)	1.70	MPa	ISO 37
Tensile Stress (Break)	5.30	MPa	ISO 37
Tensile Elongation (Break)	720	%	ISO 37
Tear Strength - Across Flow	28.0	kN/m	ISO 34-1
Compression Set			ASTM D395B
23°C, 72 hr	24	%	
70°C, 22 hr	43	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore A, 3 sec)	55		ISO 868

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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Thermal	Nominal Value	Unit
Brittleness Temperature	-55.0	°C
Service Temperature		
Dynamic	90	°C
Static	110	°C

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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