ENSOFT SD-641-45D

Ravago Manufacturing Turkey - Thermoplastic Elastomer

Friday, March 6, 2026

General Information

Product Description

This polyolefin based thermoplastic elastomer (SEBS) compound is medium mineral filled, completely recyclable and specifically designed for extrudability at low temperatures. ENSOFT® series can be processed with conventional thermoplastics machinery

Additive Packages :
T / Heat and UV stabilizer

Key Features :
Excellent ozone, UV and weathering resistance
Extra smooth, silky surface appearance
Rubberlike elasticity in a wide temperature range
Ease of processing at lower temperatures
Easy colorability with proper MB (PE, PP, etc. based)

Process Method :
Extrusion, coextrusion, sheet extrusion

Uses :
Extruded parts (seals, tubes, profiles, hoses, etc.) for automotive, construction, home appliances, furniture

General			
Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Filler / Reinforcement	• Mineral		
Additive	• Heat Stabilizer	• UV Stabilizer	
Features	• Chemical Resistant • Good Colorability • Good Processability • Good Surface Finish	• Good Weather Resistance • Heat Stabilized • High Elasticity • Ozone Resistant	• Recyclable Material • UV Resistant • UV Stabilized
Uses	• Appliances • Automotive Applications • Construction Applications	• Furniture • Hose • Profiles	• Seals • Tubing
Processing Method	• Coextrusion	• Extrusion	• Sheet Extrusion

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm³	ISO 1183/A
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (100% Strain)	9.00	MPa	ISO 37
Tensile Stress (300% Strain)	11.0	MPa	ISO 37
Tensile Stress (Break)	18.0	MPa	ISO 37
Tensile Elongation (Break)	600	%	ISO 37
Tear Strength - Across Flow	85.0	kN/m	ISO 34-1
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore D, 3 sec)	45		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	135	°C

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	150 to 170	°C
Cylinder Zone 3 Temp.	160 to 175	°C
Cylinder Zone 5 Temp.	170 to 180	°C
Adapter Temperature	180 to 190	°C
Die Temperature	180 to 200	°C

Notes

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

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