ENSOFT SD-300-80A

Ravago Manufacturing Turkey - Thermoplastic Elastomer

Friday, March 6, 2026

General Information

Product Description

This polyolefin based thermoplastic elastomer (SEBS) compound is unfilled, high performance and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery

Additive Packages :
T / Heat and UV stabilizer

Key Features :
Translucent
Excellent ozone, UV and weathering resistance
Rubberlike elasticity in a wide temperature range
Low compression set
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	
Additive	• Heat Stabilizer	• UV Stabilizer	
Features	• Chemical Resistant • Good Colorability • Good Weather Resistance • Heat Stabilized	• High Elasticity • Low Compression Set • Ozone Resistant • Recyclable Material	• UV Resistant • UV Stabilized
Uses	• Appliances • Automotive Applications • Construction Applications	• Furniture • Hose • Profiles	• Seals • Tubing
Appearance	• Translucent		
Processing Method	• Coextrusion	• Extrusion	• Sheet Extrusion

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183/A

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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Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	4.70	MPa	ISO 37
Tensile Stress (300% Strain)	6.80	MPa	ISO 37
Tensile Stress (Break)	15.0	MPa	ISO 37
Tensile Elongation (Break)	> 800	%	ISO 37
Tear Strength - Across Flow	62.0	kN/m	ISO 34-1
Compression Set			ASTM D395B
23°C, 72 hr	22	%	
70°C, 22 hr	56	%	

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	80		ISO 868

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.	170 to 190	°C
Cylinder Zone 3 Temp.	180 to 195	°C
Cylinder Zone 5 Temp.	195 to 205	°C
Adapter Temperature	200 to 210	°C
Die Temperature	200 to 220	°C

Notes

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

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