ENSOFT SD-667-65A

ENSOFT-S

Product Description : This polyolefin based thermoplastic elastomer (SEBS) compound is medium mineral filled, completely recyclable and specifically designed for low compression set at high temperature. 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
Easy colorability with proper MB (PE, PP, etc. Based)

Process Method : Extrusion, coextrusion, sheet extrusion

Uses : Construction, automotive, electric&electronics, wire&cable, industrial applications

Revision Date : 01.01.2023

	Value	Unit	Standard
Physical			
Hardness	65	SHORE A	ISO 868 (3 second)
Density	1,20	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	1,65	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	2,65	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	6,2	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	>550	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	31	N/mm	ISO 34-1 Method B
Aging			
Compression Set (72h/23°C)	21,5	%	ISO 815
Compression Set (22h/70°C)	29	%	ISO 815
Compression Set (22h/100°C)	33	%	ISO 815

Environmental Resistance	
Ozone	Excellent

Data Sheet

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Water	Excellent
Alcohol	Excellent
Olive Oil	Fair
Sulphuric Acid	Good
Detergent	Good
Drying Condition	
Drying Time(hr)	2-4
Drying Temperature(°C)	80
Extrusion Condition (°C)	
Feed Zone Temperature (°C)	170 - 190
Compression Zone Temperature (°C)	180 - 195
Melting Zone Temperature (°C)	195 - 205
Extruder Head Temperature (°C)	200 - 210
Die Temperature (°C)	200 - 220

Important Notice;

The above results are obtained from the tests conducted in Ravago Petrokimya laboratories on injection molded ISO samples and cannot be used directly to determine end-use or design specification. Datasheet values represent a statistical average of product properties and they may be subject to change as new information becomes available. Customers and other users should make their own independent determination that the product is suitable for the intended use. Ravago Petrokimya accepts no responsibility for results obtained by the application of this information and disclaims all warranties that might arise in connection with this information.

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