ENSOFT-SO-141-35A

ENSOFT-S

Product Description : This polyolefin based thermoplastic elastomer (SEBS) compound is medium 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

Revision Date : 01.02.2023

	Value	Unit	Standard
Physical			
Hardness	35	SHORE A	ISO 868 (3 second)
Density	1,08	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	0,6	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	1	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	5,5	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	800	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	15	N/mm	ISO 34-1 Method B
Aging			
Compression Set (72h/23°C)	19	%	ISO 815
Compression Set (22h/70°C)	29	%	ISO 815
Compression Set (22h/100°C)	61	%	ISO 815

Drying Condition	
Drying Time(hr)	2-4
Drying Temperature(°C)	90
Molding Condition (°C)	

Data Sheet

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1st Zone (hopper)(°C)	260-270
2nd Zone(°C)	270-280
3rd Zone(°C)	280-290
Nozzle(°C)	280-290
Mold Temperature(°C)	80

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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