



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

	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)



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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

