

ENSOFT-T

ENSOFT TM-130-90A

Product Description

Medium mineral filled SBS series for injection moulding

Additive Packages

H Heat stabilizer

Properties	Value	Unit	Standard
<u>Physical</u>			
Hardness	90	SHORE A	ISO 868 (3 second)
Density	1,05	gr / cm3	ISO 2781
<u>Mechanical</u>			
100% Modulus	4,0	Mpa	ISO 37, DIN 53504
300% Modulus	5,95	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	6,25	Mpa	ISO 37, DIN 53504
Elongation at Break	340	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	50	kN/m	ISO 34-1
<u>Thermal</u>			
Brittleness Point	-40	°C	*
Max. Dynamic Service Temperature	70	°C	*
Max. Static Service Temperature	90	°C	*

Features

Rubberlike elasticity
Ease of coloring by proper MB (PE, PP, etc. based)
Ease of processing
Recyclability

Drying Condition

Drying Time(hr)	Not required
Drying Temperature(°C)	Not required

Molding Condition (°C)

1st Zone (hopper)(°C)	150-160
2nd Zone(°C)	160-170
3rd Zone(°C)	170-180
Nozzle(°C)	185-190
Melt Temperature(°C)	190-200
Mold Temperature(°C)	10-50
Max Allowable Melt Temperature(°C)	250 C

Environmental Resistance

Water	Excellent
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Notes:

The above test results are obtained from laboratory injection molded ISO samples and cannot be used directly to determine end-use or design specification. The customer should determine the suitability to his/her application through their internal testing procedure. Datasheet values represent a statistical average or product properties and they may change with increasing data points.