TECHNICAL DATA SHEET

Last Updated: 18.10.2013

PRODUCT DESCRIPTION:	General use SEBS series
ADDITIVE PACKAGES:	UV and Heat stabilizing package included

PROPERTIES	VALUE	UNIT	STANDARD
PHYSICAL			
HARDNESS(3 seconds)	45	Shore-A	ISO 868
DENSITY	1,11	gr/cm^3	ISO 2781
MECHANICAL			
%100 MODULUS	1,5	MPa	ISO 37
%300 MODULUS	2,8	MPa	ISO 37
TENSILE STRENGHT AT BREAK	4,7	MPa	ISO 37
ELONGATION AT BREAK	600	%	ISO 37
WEAR RESISTANCE	*	mm^3	DIN 53516
TEAR STRENGTH	24	kN/m	ISO 34-1
COMPRESSION SET			
22 h - 70°C	*	%	ASTM D 395-03B
		%	ASTM D 395-03B
		%	ASTM D 395-03B
THERMAL			
Brittleness Temperature	-50	°C	ASTM D 746
Continuous max. Temp. Resistance	110	°C	

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PRODUCT FEATURES	
BONDING	Ease of bonding to PP material
COLORING	Ease of coloring by proper MB (PE, PP, etc. based)
MSDS	Material Safety Data Sheet is available for this grade
RECYCLING	Recyclability.Depends on process between 5% to 25% recycle material can be use with prime material
PRE-DRYING	If keep under the proper conditions no pre-drying requested

MOLDING TEMPERATURES (C^0)	
BARREL REAR	160 - 170
BARREL CENTER	180 - 190
BARREL FRONT	190 - 200
NOZZLE	190 - 200
MELT TEMPERATURE	180 - 190
MOLD TEMPERATURE	25 - 40
Important Notice: Do not exceed 250°C at any time	

MOLD SHRINKAGE LEVEL	
FLOW DIRECTION (%)	
CROSS DIRECTION (%)	

CHEMICAL RESISTANCE	
OZONE	Perfect
WATER	Perfect
ALCOHOL	Perfect
OIL	Fair
SULPHURIC ACID	Good
DETERGENT	Good

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