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LIST OF SYMBOLS

Symbols	Meaning	Unit
Qty	Quantity	%
W	Width	Meter
H	Height	Meter
L	Length	Meter
ρ_b	Bulk density	Kg/m ³
mc	Mass of cocoon	Kg
mt	Mass of cocoon+bin	Kg
mb	Mass of bin	Kg
v	Volume	m ³
MC	Moisture content	%
W1	Intial Mass of cocoon for MC	Kg
W2	Dried Mass cocoon for MC	Kg
mo	Initial mass of dried cocoon for total sericin	Kg
mt	Final mass of dried extracted cocoon	Kg
TSS	Total Soluble Solid or Brix	° Brix
Y	Brix at the time t	° Brix
Yo	Initial Brix when t=0	° Brix
t	Time	minute
k	Extraction rate for Henderson and Pebis's model	-
k ₁	Peleg rate constant	-
k ₂	Peleg capacity constant	-
Ea	Energy of activation	J/mol
A	Factor of frequency for Ea	-
R	Gas constant	8.314 J/mol.K
T	Temperature	K