

TechniSolve Software cc
PO Box 1813, Randburg, 2125
tel/fax: 27(11)792-7271
email: info@coolit.co.za
web: www.coolit.co.za



29 Ноябрь 2021 г.

CoolTime Report

Product

Product Category	Miscellaneous
Type	Water
Package (Brick)	444 x 444 x 1000
Freezing Method	Eq Heat Dimension

Unfrozen properties

Conductivity	0.584	W/m·K
Density	997	kg/mi
Heat Capacity	4.176	kJ/kg·K

Frozen properties (at -40 °C)

Conductivity	1.326	W/m·K
Density	938	kg/mi
Heat Capacity	1.548	kJ/kg·K

Air

Temperature	-20	°C
Film Coeff	45.0	W/mi·°C

соответствует скорости воздуха 3м/сек

Product Temperature

Initial	15.0	°C
Final	-6.0	°C

Cooling Time

Total Time	77.8	hr
------------	------	----