



## PC-7

## Technical Data Sheet

Appearance:	White crystalline solid or clear liquid above -7°C
Chemical composition:	Hydrated potassium bicarbonates (min.90%)
Density:	TBA
Specific gravity:	1.086 at +20°C
Melting point:	-7°C
Latent heat of fusion:	290 kJ/kg (isothermal max)
Heat capacity (liquid):	3.20 kJ/kg°C
Heat capacity (solid):	2.10 kJ/kg°C
Thermal conductivity (solid):	2.1 (W/mK)
Thermal conductivity (liquid):	TBA (W/mK)
Non combustible.	
Non flammable.	
Non Dangerous Goods classification - MSDS available on application.	
Materials compatibility up to 40°C:	Most common thermo resins and thermo-set resin
Glass, concrete, rubber and hardwoods.	
Not recommended for extended contact with iron, some stainless steels, aluminium or copper-based alloys.	

For orders or inquiries please contact us at

Thermal Custom Packaging LLC

Tel: 888-570-2250 | 772-208-8643 fax: 305 664-2705

www.ThermalCustomPackaging.com | info@thermalcustompackaging.com