



PCO

Technical Data Sheet

Appearance:	White crystalline solid or clear liquid above 0°C
Chemical composition:	Hydrated ammonium bicarbonate (min. 90%)
Density:	0.917 g/cm <sup>3</sup> at -5°C
Specific gravity:	0.998 at 10°C
Melting point:	0°C
Latent heat of fusion:	333 kJ/kg (isothermal max)
Heat capacity (liquid):	4.1 kJ/kg°C
Heat capacity (solid):	2.0 kJ/kg°C
Thermal conductivity (solid):	0.0100 J/sec/cm°C (est.)
Thermal conductivity (liquid):	0.0050 J/sec/ cm°C (est.)
Non combustible (see MSDS)	
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 copper-based alloys.	

For orders or inquiries please contact us at

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