



PEERLESS
PLASTICS & COATINGS

TECHNICAL DATA SHEET – PPC14 UVHC5000K

Chemical & abrasion resistant optical coating suitable for outdoor use.

 **MADE IN BRITAIN**[®]

DESCRIPTION

UVHC5000K is a UV cured, silica-modified coating, designed to give optimum weathering, chemical and abrasion protection to Polycarbonate. Developed by **Momentive**, **UVHC5000K** is independently tested and verified throughout a wide range of industries.

Suitable for products which demand superior weathering and mar resistance combined with chemical resistance – this coating is often used in the aerospace, automotive and rail industries throughout the world. **Peerless** have a unique partnership with **Momentive** and are one of the few approved partners that can apply this worldwide.

BENEFITS

- **Abrasion Resistance** – Scuffs, chips and scratches are vastly reduced in both quantity and severity.
- **Optical Clarity** – Sprayed on and UV Cured; no visible flow lines leave a clear and transparent finish.
- **Chemical Resistance** – Protection against common cleaning chemicals without worry of damage.
- **Enhancement** – A high gloss finish enhances coloured plastics and prints.
- **Weatherable** – Providing protection against yellowing from the sun's harmful UV rays.
- **Durability** – All **Peerless** coatings enhance the life of any plastic substrate.

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

	UNIT	TYPICAL VALUE
Physical Form	-	Liquid
Appearance	-	Yellow
Solids content	% by weight	55
Kinematic viscosity (@ 25°C)	cSt	approx. 20
Density (@ 25°C)	g/cm ³	approx. 1.05

The information provided herein was believed to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the use of the product and to determine the suitability of the product for its intended use.

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