



# POLAR INDUSTRY, Inc.

<b>PROPERTIES - 7500 Series</b>			
<b>Feature</b>	<b>Unit</b>	<b>Value</b>	<b>Measure Method</b>
Pour Point	°C	-10	Factory Prescription
Kin. Viscosity by 23°C	mm <sup>2</sup> /s	1344	DIN 53 019
Density sp. Weight	g/cm <sup>3</sup>	1069	DIN EN ISO 3675
Working Temperature	45 – 120 °F surface temp	55-77	
Gel time by 23° C (1.5 kg accretion)	min	55	According application
Curing Time	min	30 in sunlight	According application
Set Time	min	4 under UV radiation	
Food Grade			

### REMARKS FOR PROCESSING:

The optimal processing temperature is given by  $12\text{C} \leq T_p \leq 30\text{C}$ .

All devices can be cleaned by acetone or a water/acetone mixture.

<b>RESISTANCE AGAINST CHEMICALS - 7500 Series</b>			
<b>Agent</b>	<b>Findings</b>	<b>Agent</b>	<b>Findings</b>
<b>Solvents</b> Gasoline (Bio) Diesel Methanol Acetone	R R R swelling	<b>Salts</b> NaCl 3 % NaCl Saturated CaCl <sub>2</sub> Saturated	R R R
<b>Acids</b> HCl H <sub>3</sub> PO <sub>4</sub> HCOOH CH <sub>3</sub> COOH H <sub>2</sub> SO <sub>4</sub> HNO <sub>3</sub>	R R R R oxidation oxidation	<b>Lyes</b> NaOH  KOH	slow saponification  slow saponification
R - Resistant			

### DISPOSAL

Remains can be chopped up and be composted or burned.

### SAFETY PRECAUTIONS

Wear protective clothing (including gloves and goggles). Wash with soap/water or acetone/water after handling.