



Polar Industries, Inc.
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PROPERTIES - 7500 Series			
Feature	Unit	Value	Measure Method
Pour Point	°C	-10	Factory Prescription
Kin. Viscosity by 23°C	mm ² /s	1344	DIN 53 019
Density sp. Weight	g/cm ³	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 $12^{\circ}\text{C} \leq T_p \leq 30^{\circ}\text{C}$.
 All devices can be cleaned by acetone or a water/acetone mixture.

RESISTANCE AGAINST CHEMICALS - 7500 Series

Agent	Findings	Agent	Findings
Solvents Gasoline (Bio) Diesel Methanol Acetone	R R R swelling	Salts NaCl 3 % NaCl Saturated CaCl ₂ Saturated	R R R
Acids HCl H ₃ PO ₄ HCOOH CH ₃ COOH H ₂ SO ₄ HNO ₃	R R R R oxidation oxidation	Lyes 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.