



# POLI W 180/39900 PEI ESP K

<b>PRODUCT DESCRIPTION:</b>	Modified polyesterimide enamel with Theic containing cresol.
<b>PRODUCT PROPERTIES:</b>	High application process. High insulation performance and high thermal class. Transformer oil resistance. Excellent for hermetic applications. High thermal class performance.
<b>RECOMMENDED USES:</b>	Enamel of round copper wires. Normal diameter 0,25 - 2,00 mm. Grade 1 and Grade 2.
<b>APPLICATION SYSTEM:</b>	Horizontal and vertical conventional ovens. This version is intended for die application.

<b>CHARACTERISTICS:</b>	<b>Code:</b>	10004055 (210 Kg) 17705039 (210 Kg)
	<b>Aspect/Color:</b>	Amber
	<b>Solids per Weight:</b> (ASTM D2697/03)	39 ± 1%
	<b>Thermal Class:</b> (DIN 46452/77)	H
	<b>Viscosity Brookfield:</b> 25°C (ASTM D2196)	900 – 1300 cPs
	<b>Density:</b> (ASTM D1475/98)	1,10 ± 0,02 g/cm <sup>3</sup>
	<b>Dielectric Strength:</b> (IEC 60464-2)	8000 V
	<b>Thinner:</b>	Diluent Poli W 1103
	<b>Delta Tangent:</b> (IEC 60851-5)	185°C – 200°C
	<b>Termoplasticity:</b> (IEC 60851-6)	370°C
	<b>Tests on enameled wire nominal diameter:</b>	1,00 mm
	<b>Overall diameter (enameled):</b>	1,06 mm
	<b>Adherence and flexibility:</b>	20/1
	<b>Heat Shock:</b>	200°C
	<b>Shelf life:</b>	12 months
<b>Emergency Record:</b>	ONU 1263	

<b>RECOMMENDATIONS :</b>	Keep it in fresh rooms far from ignition points. Keep package closed after partial use. Application tank must be kept closed after using it. Use it in areas with plenty ventilation.
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<b>SAFETY PRECAUTIONS:</b>	<p>Handling, dilution and use must be done far from fire, sparks and excessive heat and in rooms with plenty ventilation as these are flammable products.</p> <p>Make sure the electrical installations are in perfect conditions without causing sparks.</p> <p>When applying this product, always use EPI's, safety glasses, PVC gloves, apron and masks with felts against organic steams.</p> <p>Storage should be done used in places provided with plenty ventilation and protected from weathering.</p> <p>Do not smoke at the working area.</p> <p>In case of fire, use CO<sub>2</sub> or chemical powder fire extinguishers. Water is not recommended to exextinguish any fire caused by chemical product burning.</p> <p>When in contact with skin it can cause allergy.</p> <p>Do not use thinner for skin and hands cleaning. Hands can be cleaned with alcohol. Then use water and cleaning paste. A proper cream should be applied on the skin.</p> <p>If swallowed, induce the victim to vomit only if he is conscious. If in contact with eyes, wash them with plenty of water.</p> <p>If any intoxication occurs due to inhalation, remove the victim immediately from the working área to a well-ventilated place. In case of accidents, provide first aids and call a doctor immediately.</p>
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**NOTE :**

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