



## MECHANICAL CHARACTERISTICS OF THE RESIN THAT CONSTITUTES THE MATERIAL EVERPIPE

Properties of the resin	Unit:	Method of the test (proof);	Resin polyester;	Resin epoxy;
<b>Viscosity</b>	<b>Maps</b>	<b>DIN 53214 Y 53019/1</b>	<b>1150</b>	<b>6000</b>
<b>Reaction</b>	-	-	<b>Discharge</b>	-
<b>Content in sterol</b>	%	<b>DIN 16945,4,14</b>	<b>35 -</b>	-
<b>Resistance to the traction</b>	<b>Maps</b>	<b>DIN 53455 Y ISO 527</b>	<b>45</b>	-
<b>Elastic module to the traction</b>	<b>Maps</b>	<b>DIN 53455 Y ISO 527</b>	<b>4000</b>	<b>4450</b>
<b>Resistance the flexion</b>	<b>Maps</b>	<b>DIN 53452 Y ISO 178</b>	<b>80</b>	-
<b>Elastic module to the flexion</b>	<b>Maps</b>	<b>DIN 53457 Y ISO 178</b>	<b>3800</b>	<b>3720</b>
<b>Resistance to the compression</b>	<b>Maps</b>	<b>DIN 52454 Y ISO 604</b>	<b>90</b>	-
<b>Elastic module to the compression</b>	<b>Maps</b>	<b>ISO 527 Y 178</b>	<b>2300</b>	<b>3100</b>
<b>Resistance to the blow</b>	<b>K/m2</b>	<b>DIN 53453 Y ISO 179</b>	<b>20 -</b>	-
<b>Temperature of deformation</b>	<b>Cº</b>	<b>DIN 53461 Y ISO 75 A</b>	<b>105 -</b>	-
<b>Temperature of polymerization (polymerization)</b>	<b>Cº</b>	<b>DIN 53445 Y ISO 537</b>	<b>123 -</b>	-
<b>Coefficient of ruggedness BAZIN</b>		<b>SYSTEM BAZIN</b>	<b>0,06</b>	<b>0,06</b>
<b>Hardness BARCOL</b>		<b>SYSTEM BARCOL</b>	<b>50 -</b>	-
<b>Water absorption</b>	%	-	<b>0,09 ( 25º x 24 h )</b>	-
<b>Ant fire</b>	-	-	<b>Yes</b>	-

