

	<h1>TECHNICAL SHEET</h1>	
DATE 01/07/2019	LAMINATES WITH GELCOAT HR	<i>Rev. n. 01</i>

<h2>LAMINATES HR</h2>			
PRODUCT CODE	NOMINAL THICKNESS		
HR	1.3 +/- 0.2 mm		
<h3>MECHANICAL PROPERTIES</h3>			
Mechanical Properties	Testing Method	Unit of measure	P00/100
Nominal thickness		mm	1.3 +/-0.2mm
Glass content		%	± 45
Barcol hardness	ASTM D 2583	°Barcol	50-55
Tensile strength	ISO 527-4	MPa	202
Tensile modulus	ISO 527-4	GPa	14.6
Elongation at break	ISO 527-4	%	1.6
Flexural strength	Internal Std	MPa	220
Flexural modulus	Internal Std	GPa	7.8
Weight		kg/m ²	2.1
Density		g/cm ³	1.5
Termal expansion		10 ⁻⁵ / °K	2.2-2.4

The results of mechanical tests on composite materials typically exhibit some scatter; for this reason the data here indicated have to be considered only as a guide.

Referring to the tensile test samples: length 250 mm, width 25 mm and nominal thickness of the product.

Referring to the flexural test samples: length 4cm, width 15mm and nominal thickness of the product.