

# EcoPaxx<sup>®</sup> Q-PR2LD

## PA410-I-GB

Low Density

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<b><i>RHEOLOGICAL PROPERTIES</i></b>			
	<i>DRY / COND</i>		
Molding shrinkage (parallel)	1.9 / *	%	ISO 294-4
Molding shrinkage (normal)	1.45 / *	%	ISO 294-4
<b><i>MECHANICAL PROPERTIES</i></b>			
	<i>DRY / COND</i>		
Tensile modulus	2200 / -	MPa	ISO 527-1/-2
Nominal strain at break	25 / -	%	ISO 527-1/-2
Yield stress	50 / -	MPa	ISO 527-1/-2
Yield strain	7 / -	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	12 / -	kJ/m <sup>2</sup>	ISO 179/1eA
Flexural modulus	2000 / -	MPa	ISO 178
Flexural strength	75 / -	MPa	ISO 178
<b><i>OTHER PROPERTIES</i></b>			
	<i>DRY / COND</i>		
Water absorption in water at 23°C after 24h	0.7 / *	%	ISO 62
Humidity absorption	1.85 / *	%	Sim. to ISO 62
Density	965 / -	kg/m <sup>3</sup>	ISO 1183