

EcoPaXX[®] Q–HXG6

PA410–GF30

30% Glass Reinforced, Heat Stabilized

EcoPaXX[®] Q–HXG6 is a long aliphatic polyamide with good thermal properties and good flow for use in high precision insulating profiles

Sustainability

Bio-based

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<i>MECHANICAL PROPERTIES</i>			
	<i>DRY / COND</i>		
Tensile modulus	9000 / 6400	MPa	ISO 527-1/-2
Stress at break	165 / 115	MPa	ISO 527-1/-2
Strain at break	4 / 7	%	ISO 527-1/-2
Charpy impact strength (+23°C)	65 / 85	kJ/m ²	ISO 179/1eU
Charpy impact strength (-30°C)	50 / –	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	9.5 / 13	kJ/m ²	ISO 179/1eA
Charpy notched impact strength (-30°C)	8.5 / –	kJ/m ²	ISO 179/1eA
<i>THERMAL PROPERTIES</i>			
	<i>DRY / COND</i>		
Melting temperature (10°C/min)	250 / *	°C	ISO 11357-1/-3
<i>OTHER PROPERTIES</i>			
	<i>DRY / COND</i>		
Humidity absorption	1.8 / *	%	Sim. to ISO 62
Density	1340 / –	kg/m ³	ISO 1183