

EcoPaXX[®] Q–HXG6

PA410–GF30

30% Glass Reinforced, Heat Stabilized

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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

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES	DRY / COND		
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/m²	ISO 179/1eU
Charpy impact strength (–30°C)	50 / –	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	9.5 / 13	kJ/m²	ISO 179/1eA
Charpy notched impact strength (–30°C)	8.5 / –	kJ/m²	ISO 179/1eA
THERMAL PROPERTIES	DRY / COND		
Melting temperature (10°C/min)	250 / *	°C	ISO 11357–1/–3
OTHER PROPERTIES	DRY / COND		
Humidity absorption	1.8 / *	%	Sim. to ISO 62
Density	1340 / –	kg/m³	ISO 1183

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