

UDea™ EcoPaXX® Q20HG60 PA410-GF60

60% Continuous Glass Fiber Reinforced, Uni-Directional Tape, Heat Stabilized, Black

Sustainability

Bio-based – 14C measurable

Properties	Typical Data	Unit	Test Method
General physical properties	dry / cond		
Density	1670 / -	kg/m ³	ISO 1183
Fiber content (V/V)	39	%	ISO 11667
Physical tape properties	Value		
Areal weight – Tape	411	g/m ²	ISO 1172
Thickness – Tape	0.25	mm	
Mechanical tape properties	dry / cond		
Tensile modulus – 0° – Tape	32 / -	GPa	ISO 527-4/-5
Stress at break – 0° – Tape	840 / -	MPa	ISO 527-4/-5
Strain at break – 0° – Tape	2.9 /	%	ISO 527-4/-5
Thermal properties	dry / cond		
Melting temperature (10°C/min)	248 / *	°C	ISO 11357-1/-3
Glass transition temperature (10°C/min)	70 / *	°C	ISO 11357-1/-2
Other properties	dry / cond		
Humidity absorption	0.9 / *	%	Sim. to ISO 62

