

# UDea™ EcoPaXX® Q20HC60

## PA410–CF60

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

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
<b>GENERAL PHYSICAL PROPERTIES</b>			
	<b>DRY / COND</b>		
Density	1430 / –	kg/m <sup>3</sup>	ISO 1183
Fiber content (V/V)	48	%	ISO 11667
<b>PHYSICAL TAPE PROPERTIES</b>			
	<b>VALUE</b>		
Areal weight – Tape	286	g/m <sup>2</sup>	ISO 1172
Thickness – Tape	0.2	mm	
<b>MECHANICAL TAPE PROPERTIES</b>			
	<b>DRY / COND</b>		
Tensile modulus – 0° – Tape	135 / –	GPa	ISO 527–4/–5
Stress at break – 0° – Tape	1700 / –	MPa	ISO 527–4/–5
Strain at break – 0° – Tape	1.4 / –	%	ISO 527–4/–5
<b>THERMAL PROPERTIES</b>			
	<b>DRY / COND</b>		
Melting temperature (10°C/min)	248 / *	°C	ISO 11357–1/–3
Glass transition temperature (10°C/min)	70 / *	°C	ISO 11357–1/–2
<b>OTHER PROPERTIES</b>			
	<b>DRY / COND</b>		
Humidity absorption	0.8 / *	%	Sim. to ISO 62

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