Property Data (Provisional)



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## UDea™ Akulon<sup>®</sup> K20HC60

## PA6-CF60

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

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
GENERAL PHYSICAL PROPERTIES	DRY / COND		
Density	1450 / -	kg∕m³	ISO 1183
Fiber content (V/V)	49	%	ISO 11667
PHYSICAL TAPE PROPERTIES	VALUE		
Areal weight – Tape	290	g/m²	ISO 1172
Thickness – Tape	0.2	mm	
MECHANICAL TAPE PROPERTIES	DRY / COND		
Tensile modulus – 0° – Tape	135 / -	GPa	ISO 527-4/-5
Stress at break – 0° – Tape	1700 / -	MPa	ISO 527-4/-5
Strain at break $-0^\circ$ – Tape	1.4 / -	%	ISO 527-4/-5
THERMAL PROPERTIES	DRY / COND		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
Glass transition temperature (10°C/min)	60 / *	°C	ISO 11357-1/-2
OTHER PROPERTIES	DRY / COND		
Humidity absorption	1/*	%	Sim. to ISO 62

Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or

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