


	PA11 gris
Material introduction	PA11 (gray Black) is ideal for mass production of durable and precise parts due to its higher ductibility, improved impact resistance and broader adaptability for industrial applications. In addition, PA11 is made from castor oil and has 100% biobased properties, making it an environmentally friendly material.
Density	
Heat deflection temperature	(0.45MPa, 1.82MPa): 185°C, 47°C
Elongation at break	(ASTM D 638): 30%
Tensile Modulus	(ASTM D 638): 1.53GPa
Tensile strength	(ASTM D 638): 51MPa
Flexural Modulus	(ASTM D 790):
Flexural Strength	(ASTM D 790): 51MPa
Bending strength	
Notch impact strength	(ASTM D256): 7.4J/m ²
Unnotched impact strength	
Izod Impact Test with Notch	
Izod Impact Test without Notch	
Tensile elongation at break	
Melting point	
Dielectric constant	
Tolerance	±300 µm or ±0.3%
Other properties	
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