

Technical Data Sheet

PA6 UF Natural

Product Description: Polyamide UF Natural Granules

Application: Electrical, Electronics, Automotive Households etc.

Compliance: RoHS compliant.

Property	Typical Value	Test Method
General Properties		
Density	1.12±0.02 g/cc	ASTM D792
Moisture Content	≤0.2	Internal
Color	Natural	Visual
Mechanical Properties		
Tensile Strength	≥ 65 MPa	ASTM D638
Elongation at Yield	5±2 %	ASTM D638
Flexural Strength	110±10 MPa	ASTM D790
Flexural Modulus	2100±500 MPa	ASTM D790
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Thermal Properties		
Melting Point	215°C	ASTM D3418
Heat Deflection Temperature	63°C @1.8 MPa	ASTM D648
Flammability		
FR, Rating at 1.5 mm	NA	UL-94
FR, Rating at 3.2 mm	NA	UL-94
GWT at 1.2 mm	NA	IEC-60695-2-12

Processing Parameters				
Preheat the material at 80-90 °C for 3-4 Hours. Moisture Content after drying should be less than 0.1%.				
Injection Molding Temperature (°C)				
Mold	Melt	Nozzle	Center	Feed
60-80	245-250	240-245	245-250	235-240

Standard Packaging:

25-KG Laminated PP Woven with PE Liner Recyclable Bag.

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