

Properties**PA6-GF60-01**

Long glass fiber-reinforced PA6 resin (GF60%, UL94 HB)

Properties	Test methods	Test conditions	Units	Dry	1.0% moist.
Tensile strength	ISO 527	-	MPa	300	220
Flexural strength	ISO 178	-	MPa	450	340
Flexural modulus	ISO 178	-	MPa	20,000	15,000
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	60	55
Deflection temperature under load	ISO 75	1.80MPa	deg C	220	-
Flammability	UL94	-	-	HB/0.5mm	-
Density	ISO 1183	-	g/cm3	1.70	-

Note

- Values are typical, not quality assured.
- UL recognition File No. of Daicel Polymer is E47773.

Typical settings for processing

Preliminary drying	Barrel temperature(deg C)				Screw rotation (rpm)	Back pressure (MPa)	Mold temperature (deg C)
	Nozzle	Front	Middle	Back			
3-5hrs 80-85deg C	240-270	250-280	250-280	240-270	40-60	5-10	80-100