

Properties**PAX-GF50-02**

Long glass fiber-reinforced Aromatic PA resin (GF50%)

Properties	Test methods	Test conditions	Units	Dry	0.7% moist.
Tensile strength	ISO 527	-	MPa	270	260
Flexural strength	ISO 178	-	MPa	390	370
Flexural modulus	ISO 178	-	MPa	16,500	15,500
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	45	40
Deflection temperature under load	ISO 75	1.80MPa	deg C	232	-
Density	ISO 1183	-	g/cm3	1.64	-

Note

•Values are typical, not quality assured.

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	240-280	250-290	250-290	240-280	40-60	5-10	130-150