



# NHU-PPA Resin

## Polyphthalamide Resin

NHU-PPA Resin is a semicrystalline thermoplastic polyamide which is also a semi-aromatic polyamide, commonly known as high temperature nylon. It features with high heat distortion temperature, excellent toughness and abrasion resistance. Featuring good melt flow rate, PPA resin boasts excellent processibility, acid alkali and general chemical resistance as well as outstanding mechanical strength.

Grade	N600	N600HF	N602	N200	N100	Test Method
Inherent Viscosity dL/g	0.9	0.8	0.8	0.9	0.8	ASTM D2857
True Density g/cm³	1.2	1.2	1.2	1.2	1.2	ISO 1183
Water Content * (%)	0.25	0.25	0.25	0.25	0.25	/
Ash Content (%)	0.25	0.25	0.25	0.25	0.25	ISO 3451(750°C)
Glass Transition temp (°C)	90	90	95	123	132	ISO 11357
Melting Temp (°C)	310	310	327	313	315	ISO 11357

The above mentioned specifications is only part of the standard grades, and NHU is capable of providing customized products to accommodate the market need.

\*:150°C,20min,percentage of weight loss.

### Note for use

- The above data are the typical figures of products which are not to be deemed as the acceptance standard.
- Final products will be affected by a wide variety of factors . The physical properties shown in the above table cannot fully guarantee to meet the conditions for customers during application, in which case this can be only used for reference.
- Please add the drying process and refer to the relevant MSDS before using our products.

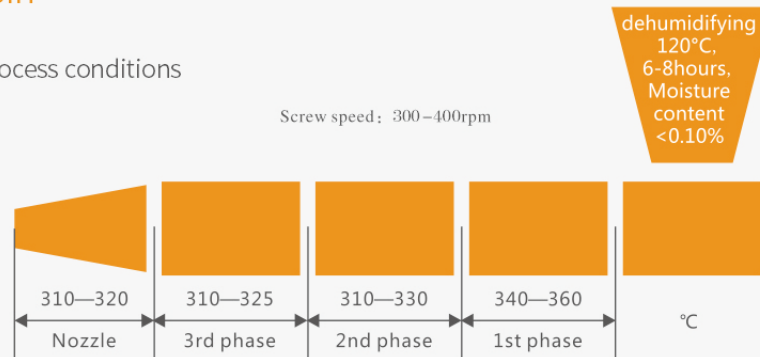


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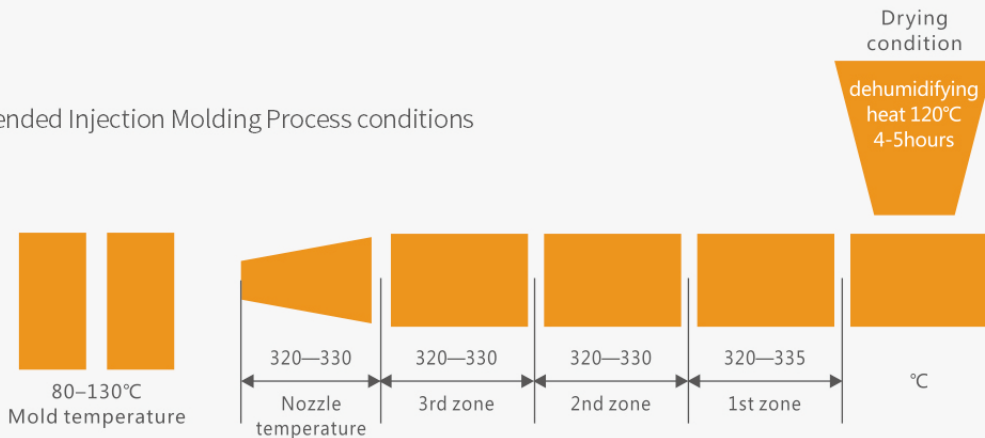
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Recommended Compound Process conditions

Screw speed: 300-400rpm



Recommended Injection Molding Process conditions



Barrel temperature & Nozzle temperature

