

## NHU – PPA (Polyphthalamide) Resin

NHU-PPA Resin is a semicrystalline thermoplastic polyamide which is also a semi aromatic polyamide, commonly known as high temperature nylon. It is featured with polyamideclass high temperature nylon resin with high temperature distortion, excellent tenacity and frictional resistance. Featuring good melt flow rate, PPA resin boasts excellent injection molding processability, acid, alkali and general chemical resistance as well as outstanding mechanical strength.

Grade	Inherent Viscosity dL/g	Density kg/l	Glass Transition Temperature °C	Melting Temperature* °C	Water Content* %	Ash Content %
	ASTM D2857	ISO 1183	ISO 11357	ISO 11357		ISO 3451 750°C
<b>N100</b>	0.9	1,200	133	324	0.15	0.1
<b>N200</b>	0.81	1,200	123	313	0.15	0.1
<b>N600</b>	0.9	1,180	90	310	0.25	0.1
<b>N602</b>	0.8	1,200	95	326	0.25	0.1

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

The above data are the typical parameters of the products, which cannot be used for the acceptance standard.

The above specifications can only be used as reference for NHU PPA. NHU can provide various grades for different market and customer needs.

### Note for use

The suffixal C indicates for compacted type

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.

These property values recorded are the test results under lab conditions.