

NHU – PPS Resin Polyphenylene Sulfide Resin

NHU-PPS Polymer is a PPS resin of linear structure with narrow molecular weight distribution and a low content of oligomer. Due to our advanced automation process control of the polymerization and post-processing technology, we can provide consistently different grades of products with a MFR range from 50-3000.

Application	Grade	MFR (g/10min)	Ash Content %	Weight Loss* %*	Volatil Content %**	Cl Content (ppm)	Crystallization Temperature °C
Test Method		ISO1133 316°C 5kg	ISO 3451 750°C			BS EN 14582-2007	ISO 11357
Regular Grade	3110	150	0,35	0,10	0,40		
	1130C	250	0,35	0,10	0,40		
	1150C	450	0,35	0,10	0,40		
	1170C	750	0,35	0,10	0,40		
	1190C	1050	0,35	0,10	0,40		
	11100C	1800	0,35	0,10	0,40		
Low Chloride Grade	1350C	450	0,25	0,10	0,40	<1200	
	1370C	600	0,25	0,10	0,40	<1300	
Alloy Grade	3418	180	0,10	0,10	0,40		>240
	3450	500	0,10	0,10	0,40		>240
	3490	1100	0,15	0,10	0,40		>240
Extrusion Grade	3508	80	0,30	0,10	0,40		
	3514	140	0,30	0,10	0,40		
Crosslink Grade	21150C	250	0,30	0,10	0,35		
	21330C	450	0,30	0,10	0,35		

*300°C, 1 hour, the weight percentage of the loss, ** 300°C, 1 hour, 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 PPS. 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 refer to the relevant MSDS before using our products.

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