

PPS RESIN GRADE TABLE

PPS resins have excellent heat resistance, dimensional stability, chemical resistance, and excellent mechanical strength, making them excellent engineering plastics for a wide range of applications.

MQ Application		Grade	MFR (g/10min)	Ash wt%	weight loss a%	Volatile Matter b%	Cl Content ppm
Injection Grade	Conventional Grade	SN80P	80	0.3	0.1	0.3	/
		SN100P	100	0.3	0.1	0.3	/
		SN250P	250	0.3	0.1	0.3	/
		SN450P	450	0.3	0.1	0.3	/
		SN750P	750	0.3	0.1	0.3	/
		SN1050P	1050	0.3	0.1	0.3	/
	Low Chlorine Grade	SL100P	100	0.25	0.1	0.3	≤800
		SL250P	250	0.25	0.1	0.3	≤800
		SL450P	450	0.25	0.1	0.3	≤800
		SL750P	750	0.25	0.1	0.3	≤800
Fiber Grade		FG150P	150	0.25	0.1	0.3	/
		FG200P	200	0.25	0.1	0.3	/
Coating Grade		CG800P	800	0.4	0.2	0.45	/
		CG1200P	1200	0.4	0.2	0.45	/
a:150℃, 1.Ohour, percentage of weight loss b:300℃, 1.Ohour, percentage of weight loss (The above datas are the typical datas of these products, they cannot be used as the acceptance standard of product.)							

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PPS has the characteristics of narrow molecular weight distribution, low volatile matter, low impurities, and stable performance. It can provide products of different categories such as fiber grade, injection molding grade, extrusion grade, crosslinked grade, etc. Due to the stable quality, cost-effective, the market share is rapidly expanding

BH Series	Grade	MFR (g/10min)	Ash wt%	weight loss a%	Volatile Matter b%	Crystallization point temperature °C
Fiber Grade	FG150C/N	150	0.3	0.4	0.1	/
	FG150N	150	0.2	0.2	0.1	/
Extrusion Grade	EG80N	80	0.2	0.2	0.1	/
	EG140N	140	0.2	0.2	0.1	/
Injection Molding Grade	IM700C	700	0.3	0.4	0.1	/
	IM1000C	1000	0.3	0.4	0.1	/
	IMQ150	150	0.2	0.2	0.1	/
	IMQ300	300	0.2	0.2	0.1	/
	IMQ500	500	0.2	0.2	0.1	/
	IMQ700	700	0.2	0.2	0.1	/
	IMQ1000	1000	0.2	0.2	0.1	/
	IMQ150H	150	0.2	0.2	0.1	≥240
	IMQ300H	300	0.2	0.2	0.1	
	IMQ500H	500	0.2	0.2	0.1	
	IMQ700H	700	0.2	0.2	0.1	
	IMQ1000H	1000	0.2	0.2	0.1	
Crosslinked Grade	CG50	50	0.2	0.2	0.1	/
	CG150-6	150	0.2	0.2	0.1	/
	CG150-10	150	0.2	0.2	0.1	/
	CG300-10	300	0.2	0.2	0.1	/
	CG500-10	500	0.2	0.2	0.1	/
	CG300-30	300	0.2	0.2	0.1	/
	CG500-30	500	0.2	0.2	0.1	/
	CG700-30	700	0.2	0.2	0.1	/
	CG1000-30	1000	0.2	0.2	0.1	/
	CG300-50	300	0.2	0.2	0.1	/
	CG500-50	500	0.2	0.2	0.1	/
	CG700-50	700	0.2	0.2	0.1	/
	CG1000-50	1000	0.2	0.2	0.1	/
	CG2000-50	2000	0.2	0.2	0.1	/

Note:

1: 150°C, 1 hour, mass percentage.

2: 300°C, 1 hour, mass percentage.

The above data is typical for these types, test data from our laboratory samples Not used as an acceptance criterion



Linear product



Cross-Linked product