

NHU-PPS 1450C/F-W

Polyphenylene Sulfide

Zhejiang NHU Comp. Ltd.

Message:

NHU-PPS Polymer is featuring narrow molecular weight distribution, low content of oligomer and stable properties. By adopting advanced automated polymerization and post-processing technology, NHU are manufacturing PPS of different grades with MFR ranging from 50-3000. In the meanwhile, NHU can provide various specifications encompassing linear, cross-linked and other grades.

General Information			
Features	Narrow molecular weight distribution		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (316°C/5.0 kg)	450	g/10 min	ISO 1133
Ash Content (750°C)	0.3	wt%	ISO 3451
Weight Loss on Heating ¹	0.10	%	
Volatiles ²	0.40	%	
Thermal	Nominal Value	Unit	Test Method
Peak Crystallization Temperature	> 230	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Drying Temperature	165	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	300 - 315	°C	
Middle Temperature	310 - 330	°C	
Front Temperature	315 - 330	°C	
Nozzle Temperature	300 - 315	°C	
Mold Temperature	130 - 150	°C	
Back Pressure	4.00 - 5.00	MPa	
NOTE			
1.	150°C, 1 hour		
2.	300°C, 1 hour		

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