

PIBITER NRV230AE

PBT-GF30 FR(17)	ISO 11469
120 2 10400	MPa % MPa	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 178
Pa 213	°C	ISO 75-1/-2
		UL 94 UL 94 UL 94
		Sim. to ISO 62 ISO 1183
Flame retardant		
Center Temperature 460-480(235- Front Temperature 470-490(240-2 Nozzle Temperature 480-490(250- Melt Temperature 460-490(235-25 Mold Temperature 150-200(65-93 Back Pressure 0-50 psi Screw Speed Medium Injection Speed Fast Injection speed, injection pressure the individual article geometry. To	-250) deg F (deg C) 255) deg F (deg C) -255) deg F (deg C) 55) deg F (deg C)) deg F (deg C) and holding pressure H avoid material degrada	ation during processing
	11000 120 2 10400 200IPa213V-0 0.75 yes0.15 1700Flame retardantRear Temperature 450-470(230-2 Center Temperature 460-480(235 Front Temperature 470-490(240-2 Nozzle Temperature 480-490(250 Melt Temperature 460-490(235-25 Mold Temperature 150-200(65-93) Back Pressure 0-50 psi Screw Speed Medium Injection Speed FastInjection speed, injection pressure the individual article geometry. To low back pressure and minimum s	V-0 class 0.75 mm yes 0.15 % 1700 kg/m ³ Flame retardant Rear Temperature 450-470(230-240) deg F (deg C) Center Temperature 460-480(235-250) deg F (deg C) Front Temperature 460-480(235-250) deg F (deg C) Nozzle Temperature 480-490(240-255) deg F (deg C) Nozzle Temperature 480-490(250-255) deg F (deg C) Mold Temperature 460-490(235-255) deg F (deg C) Mold Temperature 150-200(65-93) deg F (deg C) Back Pressure 0-50 psi Screw Speed Medium

Printed: 2023-09-15



Page: 1 of 2





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Processing Texts Pre-drying	To avoid hydrolytic degradation during processing, Pibiter resins have to be dried to a moisture level equal to or less than 0.02%. Drying should be done in a dehumidifying hopper dryer capable of dewpoints <-40°F (-40°C) at 250°F (121°C) for 4 hours.
Longer pre-drying times/storage	For subsequent storage of the material in the dryer until processed (<= 60 h) it is necessary to lower the temperature to 100 $^{\circ}$ C.
Injection molding	Rear Temperature 450-470(230-240) deg F (deg C) Center Temperature 460-480(235-250) deg F (deg C) Front Temperature 470-490(240-255) deg F (deg C) Nozzle Temperature 480-490(250-255) deg F (deg C) Melt Temperature 460-490(235-255) deg F (deg C) Mold Temperature 150-200(65-93) deg F (deg C) Back Pressure 0-50 psi Screw Speed Medium Injection Speed Fast
	Injection speed, injection pressure and holding pressure have to be optimized to the individual article geometry. To avoid material degradation during processing low back pressure and minimum screw speed have to be used. Overheating of the material has to be avoided, in particular for flame retardant grades.
Injection molding Preprocessing	To avoid hydrolytic degradation during processing, Pibiter resins have to be dried to a moisture level equal to or less than 0.02%. Drying should be done in a dehumidifying hopper dryer capable of dewpoints <-30°F (-34°C) at 250°F (121°C) for 4 hours

Printed: 2023-09-15

Page: 2 of 2



