

# Nylene® 764B

Polyamide 6  
Custom Resins Group

Message:

Heat stabilized, high impact modified nylon suitable for both blow-molding and extrusion.  
In addition to heat stabilization to prevent thermal degradation, parts molded from Nylene 764B have excellent R.T. and C.T. impact strength right out of the mold without post conditioning.  
Outstanding features include high strength and high cold temperature impact.  
Cylinder temperatures should be in the 435 - 525°F range.

General Information			
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Good Impact Resistance		
	Heat Stabilized		
	High Strength		
	Impact Modified		
	Low Temperature Impact Resistance		
Uses	Blow Molding Applications		
Processing Method	Blow Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	64.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	520	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	219	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	224 to 274	°C	
Cylinder Zone 2 Temp.	224 to 274	°C	
Cylinder Zone 3 Temp.	224 to 274	°C	
Cylinder Zone 4 Temp.	224 to 274	°C	
Cylinder Zone 5 Temp.	224 to 274	°C	

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