

# Nylene® 494 BLK

Polyamide 6

Custom Resins Group

Message:

For rotational Molding

Offered in small pellet form as well as a 20 mesh powder

All Custom Resins rotomolding grade nylons are dried to less than 0.15% moisture eliminating the need for pre-drying of virgin material.

We strongly recommend the use of inert gases such as nitrogen in the mold to minimize thermal degradation of the nylon.

General Information			
Forms	Pellets		
	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	79.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	100	%	ASTM D638
Flexural Modulus (23°C)	2550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	216	°C	ASTM D3418

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## Recommended distributors for this material

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