

## Nylene® 724 Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Heat Stabilized

### Material Notes:

Dry as molded. Injection molding grade. Nylene 724 is the heat stabilized version of 721 which is a medium impact modified nylon for fast, easy molding. In addition to heat stabilization to prevent thermal degradation, parts molded from Nylene 724 have good impact strength right out of the mold without post conditioning. Stiffness is near that of unmodified nylon 6. Cylinder temperatures should be in the 450 - 500°F range. ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nylene-724-Nylon-6.php](http://www.lookpolymers.com/polymer_Nylene-724-Nylon-6.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	62.0 MPa	8990 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638
Flexural Modulus	2.10 GPa	305 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	63.0 °C	145 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	245 °C	473 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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