

# DURAMIDE PA6NAT

Polyamide 6

Conventus Polymers LLC

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## Technical Data

### Product Description

Duramide PA6NAT is an unfilled nylon 6 resin available in natural color.

### General

Material Status	• Commercial: Active
Literature <sup>1</sup>	• <a href="#">Technical Datasheet (English)</a>
Search for UL Yellow Card	• <a href="#">Conventus Polymers LLC</a>
Availability	• Asia Pacific • Europe • North America
Appearance	• Natural Color
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Density / Specific Gravity	1.13 g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.3 %	ASTM D955
Mechanical	Nominal Value Unit	Test Method
Tensile Strength (Break)	73.8 MPa	ASTM D638
Tensile Elongation (Break)	100 %	ASTM D638
Flexural Modulus	2740 MPa	ASTM D790
Flexural Strength	108 MPa	ASTM D790
Impact	Nominal Value Unit	Test Method
Notched Izod Impact (23°C)	49 J/m	ASTM D256
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	60.0 °C	ASTM D648

## Notes

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

<sup>2</sup> Typical properties: these are not to be construed as specifications.

