DURAMIDE PA6NAT

Polyamide 6 Conventus Polymers LLC

Technical Data

Product Description			
Duramide PA6NAT is an unfilled nylon 6 resin available in natural color.			
General			
Material Status	Commercial: Active		
Literature ¹	Technical Datasheet (English)	
Search for UL Yellow Card	Conventus Polymers LLC		
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 ³	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			ASTM D648
1.8 MPa, Unannealed		60.0 °C	

Notes

¹ 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.

² Typical properties: these are not to be construed as specifications.



1 of 1

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