

TYLON® 235NL

Polyamide 6

Tyne Plastics LLC.

Message:

Data was measured on natural colored test specimens.

General Information			
Additive	Lubricant		
	Nucleating Agent		
Features	Fast Molding Cycle		
	Lubricated		
	Nucleated		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.80 to 1.1	%	ASTM D955
Water Absorption (24 hr)	1.6	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	82.7	MPa	ASTM D638
Tensile Elongation (Break)	17	%	ASTM D638
Flexural Modulus	3030	MPa	ASTM D790
Flexural Strength	117	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	185	°C	
1.8 MPa, Unannealed	71.1	°C	

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