

TYLON® 235N

Polyamide 6

Tyne Plastics LLC.

Message:

Data was measured on natural colored test specimens.

General Information			
Additive	Nucleating Agent		
Features	Fast Molding Cycle		
	Nucleated		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	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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Recommended distributors for this material

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