

TYLON® 2413HL

Polyamide 6

Tyne Plastics LLC.

Message:

Data was measured on natural colored test specimens.

General Information			
Filler / Reinforcement	Glass Fiber,13% Filler by Weight		
Additive	Heat Stabilizer		
	Lubricant		
Features	Heat Stabilized		
	Lubricated		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.40 to 0.60	%	ASTM D955
Water Absorption (24 hr)	1.2	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	124	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	3790	MPa	ASTM D790
Flexural Strength	152	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	207	°C	
1.8 MPa, Unannealed	199	°C	

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