

TexRes PA 6

TexCo Resin - Polyamide 6

General Information

Product Description

Unreinforced Nylon 6, General Purpose Injection Grade

Colors Available

Add "H" for Heat Stabilized

Add "U" for UV Stabilized

Typical Properties, Dry as Molded

General

Features	• General Purpose
Uses	• General Purpose
Appearance	• Black • Natural Color
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.13		ASTM D792
Molding Shrinkage - Flow (0.125 in)	0.013	in/in	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10600	psi	ASTM D638
Tensile Elongation (Break)	> 25	%	ASTM D638
Flexural Modulus	400000	psi	ASTM D790
Flexural Strength	15000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	0.90	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	140	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		Internal Method