

# TexRes PA 66

## TexCo Resin - Polyamide 66

### General Information

#### Product Description

Unreinforced Nylon 66, General Purpose Injection Grade

Colors Available

Add "H" for Heat Stabilized

Add "HU" for Weatherable

Typical Properties, Dry as Molded

#### General

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

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.14		ASTM D792
Molding Shrinkage - Flow (0.125 in)	0.014	in/in	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11000	psi	ASTM D638
Tensile Elongation (Break)	> 20	%	ASTM D638
Flexural Modulus	410000	psi	ASTM D790
Flexural Strength	16000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	0.80	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	185	°F	ASTM D648
Peak Melting Temperature	482 to 509	°F	ASTM D789
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		Internal Method