

HiFill® PA12 TR90NZ UV Carbon LS

Techmer Polymer Modifiers - *Polyamide 12*

General Information

General	
Material Status	Commercial: Active
Availability	North America
Features	UV Resistant
Processing Method	Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.00		ASTM D792
Moisture (302°F)	0.070	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	7500	psi	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus	223000	psi	ASTM D790
Flexural Strength	9000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	11	ft·lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180	°F
Drying Time	4.0 to 6.0	hr
Nozzle Temperature	480 to 520	°F
Processing (Melt) Temp	480 to 520	°F
Mold Temperature	140 to 175	°F

Notes

¹ Typical properties: these are not to be construed as specifications.

