

HiFill® J-1200/10/FD NATL

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene*

General

Material Status	• Commercial: Active
Availability	• North America
Appearance	• Natural Color
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8500	psi	ASTM D638
Flexural Modulus	564000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	1.3	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	193	°F	ASTM D648

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	455 to 480	°F
Middle Temperature	465 to 490	°F
Front Temperature	475 to 500	°F
Nozzle Temperature	475 to 500	°F
Processing (Melt) Temp	475 to 525	°F
Mold Temperature	110 to 150	°F
Injection Rate	Slow	
Back Pressure	0.00 to 50.0	psi
Screw Speed	Slow	

