

HiFill® TPX-PP-05000 BK

 Techmer Polymer Modifiers - *Polypropylene*
General Information
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Material Status	• Commercial: Active
Availability	• North America
Appearance	• Black
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.22		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	8400	psi	ASTM D638
Tensile Elongation (Break)	4.1	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	1.2	ft-lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	150	°F
Drying Time	2.0 to 3.0	hr
Rear Temperature	430 to 470	°F
Middle Temperature	440 to 480	°F
Front Temperature	450 to 490	°F
Nozzle Temperature	455 to 495	°F
Processing (Melt) Temp	440 to 495	°F
Mold Temperature	50 to 150	°F
Injection Rate	Slow-Moderate	
Back Pressure	25.0 to 75.0	psi
Screw Speed	Slow	

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