

HiFill® PVDF White #2 17004058

 Techmer Polymer Modifiers - *Polyvinylidene Fluoride*
General Information
General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.75		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	23	g/10 min	ASTM D1238
Moisture (284°F)	0.070	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	7000	psi	ASTM D638

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	150	°F
Drying Time	2.0 to 3.0	hr
Rear Temperature	375 to 400	°F
Middle Temperature	380 to 410	°F
Front Temperature	390 to 420	°F
Nozzle Temperature	385 to 420	°F
Processing (Melt) Temp	380 to 420	°F
Mold Temperature	125 to 200	°F
Injection Rate	Slow-Moderate	
Back Pressure	0.00 to 50.0	psi
Screw Speed	Slow	

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