Wednesday, May 13, 2026

HiFill® PSU 2010 LE BL354

Techmer Polymer Modifiers - *Polysulfone*

Units SI

Action **Legend (Open)**

General Information

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

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24	g/cm³	ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2280	MPa	ASTM D638
Tensile Strength (Yield)	65.5	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	149	°C
Drying Time	4.0	hr
Rear Temperature	329 to 349	°C
Middle Temperature	338 to 360	°C
Front Temperature	349 to 388	°C
Nozzle Temperature	338 to 360	°C
Processing (Melt) Temp	329 to 385	°C
Mold Temperature	132 to 163	°C
Injection Rate	Moderate-Fast	
Back Pressure	0.00 to 1.38	MPa
Screw Speed	Moderate-Fast	

Notes

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

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