

HiFill® PSU 2010 LE BL354

 Techmer Polymer Modifiers - *Polysulfone*
General Information
General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Appearance	<ul style="list-style-type: none"> Blue
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	330000	psi	ASTM D638
Tensile Strength (Yield)	9500	psi	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	300	°F
Drying Time	4.0	hr
Rear Temperature	625 to 660	°F
Middle Temperature	640 to 680	°F
Front Temperature	660 to 730	°F
Nozzle Temperature	640 to 680	°F
Processing (Melt) Temp	625 to 725	°F
Mold Temperature	270 to 325	°F
Injection Rate	Moderate-Fast	
Back Pressure	0.00 to 200	psi
Screw Speed	Moderate-Fast	

