

**FPC 22**

(PS-HI)

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	18.5	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Break	22.1	MPa	ASTM D 638
Elongation at Break	35	%	ASTM D 638
Flexural Modulus	2413	MPa	ASTM D 790
Flexural Strength	39.3	MPa	ASTM D 790
Rockwell Hardness	R118	-	ASTM D 785
Izod Impact notched, 1/8 in	74.7	J/m	ASTM D 256
Izod Impact notched, 1/4 in	64.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	261	°C	ASTM D 648
DTUL @ 264 psi	260	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1050	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America