

FPC 23

(PS-HI)

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5.5	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	28.3	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	2275	MPa	ASTM D 790
Flexural Strength	37.9	MPa	ASTM D 790
Rockwell Hardness	M95	-	ASTM D 785
Izod Impact notched, 1/8 in	69.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	127	°C	ASTM D 648
DTUL @ 264 psi	116	°C	ASTM D 648

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

Characteristics**Processing**

Injection Molding

Regional Availability

North America