

FPC 724 HF

PC

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	16	g/10min	ASTM D 1238
Mechanical properties			
ASTM Data			
Tensile Modulus	2344	MPa	ASTM D 638
Tensile Strength at Yield	59.3	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	2344	MPa	ASTM D 790
Flexural Strength	93.8	MPa	ASTM D 790
Izod Impact notched, 1/4 in	123	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.813	mm	-
Coefficient of Thermal Expansion, MD	81	E-6/K	ASTM D 696
DTUL @ 264 psi	149	°C	ASTM D 648
Max. Service Temp., Intermittent	121	°C	ASTM D 2485
Other properties			
Water Absorption, 24hr	0.15	%	ASTM D 570
Density	1200	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Additives

Flame retarding agent