

FPC 610

(PE-HD)

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	17.9	MPa	ASTM D 638
Elongation at Yield	25	%	ASTM D 638
Rockwell Hardness	R120	-	ASTM D 785
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.813	mm	-
DTUL @ 66 psi	110	°C	ASTM D 648
DTUL @ 264 psi	93.3	°C	ASTM D 648
Melting Temperature	213	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	960	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America