

FPC 30

PP

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.6	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	31	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Flexural Modulus	1310	MPa	ASTM D 790
Rockwell Hardness	R121	-	ASTM D 785
Izod Impact notched, 1/8 in	801	J/m	ASTM D 256
Izod Impact notched, 1/4 in	214	J/m	ASTM D 256
Izod Impact notched, Low-Temperature Temperature	160 -28.9	J/m °C	ASTM D 256 -

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	134	°C	ASTM D 648
DTUL @ 264 psi	120	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	902	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America