

FPC 530

(PE-HD)

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	33	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	27.6	MPa	ASTM D 638
Elongation at Yield	15	%	ASTM D 638
Flexural Modulus	1103	MPa	ASTM D 790
Izod Impact notched, 1/8 in	58.7	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	146	°C	ASTM D 648
DTUL @ 264 psi	138	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	955	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America