

FPC 79

ABS

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.4	g/10min	ASTM D 1238
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	37.9	MPa	ASTM D 638
Flexural Modulus	1931	MPa	ASTM D 790
Flexural Strength	64.8	MPa	ASTM D 790
Rockwell Hardness	R120	-	ASTM D 785
Izod Impact notched, 1/8 in	69.4	J/m	ASTM D 256
Izod Impact notched, Low-Temperature Temperature	64.1 -40	J/m °C	ASTM D 256 -
Thermal properties			
ASTM Data			
DTUL @ 264 psi	174	°C	ASTM D 648
Other properties			
Density	1030	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America