

FPC 73

ABS

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	41.4	MPa	ASTM D 638
Elongation at Break	25	%	ASTM D 638
Flexural Modulus	2344	MPa	ASTM D 790
Flexural Strength	64.1	MPa	ASTM D 790
Izod Impact notched, 1/8 in	149	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
DTUL @ 264 psi	271	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	21.7	kV/mm	ASTM D 149

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America