

FPC 40

(PE-LD)

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.19	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	10.3	MPa	ASTM D 638
Tensile Strength at Break	16.5	MPa	ASTM D 638
Elongation at Yield	680	%	ASTM D 638

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	79.2	E-6/K	ASTM D 696
DTUL @ 66 psi	98.9	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	919	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America