

Armlen® PP-1FRX

PP

R&P Polyplastic

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.3	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.1	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Strain at break	395	%	ISO 527
Charpy impact strength, +23°C	47	kJ/m ²	ISO 179/1eU
Shore D hardness	50	-	ISO 7619-1
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	160	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Electrical properties			
ISO Data			
Comparative tracking index	550	-	IEC 60112
Other properties			
Density	1260	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Melt temperature	240	°C	-
Mold temperature	60	°C	-
Processing Recommendation Extrusion			
Melt temperature	240	°C	-
Mold temperature	60	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Black

Special Characteristics

Flame retardant

Applications

Electrical and Electronical

Regional Availability

Europe