

Armlen® PP-1EX

PP

R&P Polyplastic

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	15	MPa	ISO 527
Strain at break	555	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Shore D hardness	50	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	162	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	910	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	220	°C	-
Mold temperature	40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	220	°C	-
Mold temperature	40	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Black

Applications

Electrical and Electronical

Regional Availability

Europe