

Polimaxx P702BK
(PE-HD)

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.5	g/10min	ISO 1133
Temperature	190	°C	-
Load	5	kg	-
Molding shrinkage, parallel	2.0	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	30	MPa	ISO 527
Strain at break	700	%	ISO 527
ASTM Data			
Shore D Hardness	63	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	132	°C	ASTM D 3418
Vicat Temperature	128	°C	ASTM D 1525

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Constant, 1 MHz	2.53	-	ASTM D 150
Volume Resistivity	5.03E16	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	968	kg/m ³	ISO 1183

Characteristics

Processing

Wire/Cable Extrusion

Chemical Resistance

Environmental Stress Crack Resistance

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

Europe, Asia Pacific