

Polimaxx RO1760

(PE-HD)

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	29.5	MPa	ASTM D 638
Tensile Strength at Break	15	MPa	ASTM D 638
Elongation at Break	1000	%	ASTM D 638
Other Standards^[5]			
Charpy notched impact strength, +23°C	4	kJ/m ²	DIN 53453
Shore D Hardness	65.5	-	DIN 53505

S: These properties are reported by the producer according standards that are different to our defaults.

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	125	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	957	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	200 - 260	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Regional Availability

Europe, Asia Pacific