

Polimaxx 5175SM

PP

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	35	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	30	MPa	ASTM D 638
Other Standards^[5]			
Charpy notched impact strength, +23°C	2	kJ/m ²	DIN 53453

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

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	100	°C	ASTM D 648

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	180 - 240	°C	-

Characteristics**Processing**

Coating

Special Characteristics

Transparent

Features

Good Adhesion, Low Neck-In, Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Regional Availability

Europe, Asia Pacific