

P4G2Z-211

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.2	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	37	MPa	ASTM D 638
Elongation at Yield	6.5	%	ASTM D 638
Flexural Modulus	1970	MPa	ASTM D 790
Rockwell Hardness	R 103	-	ASTM D 785
Gardner Impact	3	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	40	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	107	°C	ASTM D 648
Melting Temperature	162	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	sheet	-	-
Melt temperature	232 - 249	°C	-
Feed temperature	193 - 216	°C	-
Zone 1	204 - 227	°C	-
Zone 2	210 - 232	°C	-
Zone 3	227 - 243	°C	-
Zone 4	227 - 243	°C	-

Characteristics**Processing**

Sheet Extrusion

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Features

Homopolymer

Regional Availability

North America