

**21N2A**

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	2.3	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	40.3	MPa	ASTM D 638
Elongation at Yield	4.6	%	ASTM D 638
Flexural Modulus	2345	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/8 in	21.5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	133	°C	ASTM D 648

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

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	sheet	-	-
Melt temperature	232 - 260	°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, Thermoforming

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

High Crystallinity, Nucleated, Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR, Medical Grade, US Pharmacopeia Class VI Approved, Drug Master File, RoHS compliant

**Applications**

Medical

**Regional Availability**

North America