

**N20G-00**

PP

INEOS Olefins &amp; Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	21.2	MPa	ASTM D 638
Tensile Strength at Break	16.2	MPa	ASTM D 638
Elongation at Yield	7.9	%	ASTM D 638
Elongation at Break	300	%	ASTM D 638
Rockwell Hardness	R 67	-	ASTM D 785
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	82	°C	ASTM D 648
DTUL @ 264 psi	48	°C	ASTM D 648
Vicat Temperature	143	°C	ASTM D 1525
<b>Optical properties</b>			
<b>ASTM Data</b>			
Gloss	83	-	ASTM D 2457
<b>Other properties</b>			
Density	894	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Features**

Ductile, Copolymer, Impact Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

North America