

N05U-00

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	26.9	MPa	ASTM D 638
Tensile Strength at Break	19.2	MPa	ASTM D 638
Elongation at Yield	5.23	%	ASTM D 638
Elongation at Break	132	%	ASTM D 638
Rockwell Hardness	R 89	-	ASTM D 785
Thermal properties			
ASTM Data			
DTUL @ 66 psi	106	°C	ASTM D 648
DTUL @ 264 psi	57	°C	ASTM D 648
Vicat Temperature	151	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	64	-	ASTM D 2457
Other properties			
Density	907	kg/m ³	ASTM D 792

Characteristics**Processing**

Pipe/Tube Extrusion, Other Extrusion

Chemical Resistance

Environmental Stress Crack Resistance, Oxidation Resistance

Features

Ductile, Nucleated, Copolymer, Impact Copolymer

Regional Availability

North America