

N02J-00

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.9	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	28.7	MPa	ASTM D 638
Tensile Strength at Break	17.1	MPa	ASTM D 638
Elongation at Yield	5.4	%	ASTM D 638
Elongation at Break	162	%	ASTM D 638
Rockwell Hardness	R 90	-	ASTM D 785
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	116	°C	ASTM D 648
DTUL @ 264 psi	60	°C	ASTM D 648
Vicat Temperature	153	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	59	-	ASTM D 2457
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Sheet Extrusion, Thermoforming

Special Characteristics

High impact or impact modified

Features

Ductile, Copolymer, Impact Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

North America