

R01C-01

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	29.4	MPa	ASTM D 638
Tensile Strength at Break	18.9	MPa	ASTM D 638
Elongation at Yield	13.4	%	ASTM D 638
Elongation at Break	165	%	ASTM D 638
Rockwell Hardness	R 81	-	ASTM D 785
Thermal properties			
ASTM Data			
DTUL @ 66 psi	88	°C	ASTM D 648
Vicat Temperature	133	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	96.5	-	ASTM D 2457
Haze	16	%	ASTM D 1003
Other properties			
Density	903	kg/m ³	ASTM D 792

Characteristics**Processing**

Profile Extrusion, Sheet Extrusion, Blow Molding, Thermoforming

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat, Transparent

Features

Nucleated, Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging, Refrigeration

Regional Availability

North America