

R01C-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	28.2	MPa	ASTM D 638
Tensile Strength at Break	19	MPa	ASTM D 638
Elongation at Yield	14	%	ASTM D 638
Elongation at Break	345	%	ASTM D 638
Rockwell Hardness	R 79	-	ASTM D 785
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	80	°C	ASTM D 648
Vicat Temperature	133	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	100	-	ASTM D 2457
Haze	12	%	ASTM D 1003
Other properties			
Density	902	kg/m ³	ASTM D 792

Characteristics**Processing**

Other Extrusion, Blow Molding, Thermoforming

Certifications

Food contact, Food approval FDA 21 CFR

Special Characteristics

Anti-static, High impact or impact modified, Transparent

Applications

Refrigeration

Features

Thermal Stability, Copolymer, Random Copolymer

Regional Availability

North America