

R12C-01

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	31.2	MPa	ASTM D 638
Tensile Strength at Break	17.6	MPa	ASTM D 638
Elongation at Yield	13	%	ASTM D 638
Elongation at Break	200	%	ASTM D 638
Rockwell Hardness	R 84	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	80	°C	ASTM D 648
Vicat Temperature	131	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	97.5	-	ASTM D 2457
Haze	11.2	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	903	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Blow Molding

Special Characteristics

Anti-static, Transparent

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America