

R35C-01

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	35	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	29.6	MPa	ASTM D 638
Tensile Strength at Break	17.6	MPa	ASTM D 638
Elongation at Yield	13.7	%	ASTM D 638
Elongation at Break	500	%	ASTM D 638
Rockwell Hardness	R 84	-	ASTM D 785
Thermal properties			
ASTM Data			
DTUL @ 66 psi	83	°C	ASTM D 648
Vicat Temperature	130	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	97.9	-	ASTM D 2457
Haze	14	%	ASTM D 1003
Other properties			
Density	904	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static, High impact or impact modified, Transparent

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Medical, Packaging, Refrigeration

Regional Availability

North America