

R55C-00

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	55	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	27.9	MPa	ASTM D 638
Tensile Strength at Break	24.3	MPa	ASTM D 638
Elongation at Yield	12.5	%	ASTM D 638
Elongation at Break	800	%	ASTM D 638
Rockwell Hardness	R 83	-	ASTM D 785
Thermal properties			
ASTM Data			
DTUL @ 66 psi	85	°C	ASTM D 648
Vicat Temperature	114	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	91	-	ASTM D 2457
Haze	16.5	%	ASTM D 1003
Other properties			
Density	901	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static, Transparent

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America