

H14A-00

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	14.3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	34.9	MPa	ASTM D 638
Tensile Strength at Break	17.7	MPa	ASTM D 638
Elongation at Yield	9	%	ASTM D 638
Elongation at Break	195	%	ASTM D 638
Rockwell Hardness	R 103	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	92	°C	ASTM D 648

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	93	-	ASTM D 2457
Haze	82	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	906	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Medical, Packaging

Regional Availability

North America