

H04W-01

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4.2	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	36.2	MPa	ASTM D 638
Tensile Strength at Break	18.1	MPa	ASTM D 638
Elongation at Yield	9.5	%	ASTM D 638
Elongation at Break	150	%	ASTM D 638
Rockwell Hardness	R 103	-	ASTM D 785
Thermal properties			
ASTM Data			
DTUL @ 66 psi	106	°C	ASTM D 648
Optical properties			
ASTM Data			
Gloss	92	-	ASTM D 2457
Haze	78.8	%	ASTM D 1003
Other properties			
Density	906	kg/m ³	ASTM D 792

Characteristics**Processing**

Other Extrusion

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America