

H05H-01

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5.1	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	36.9	MPa	ASTM D 638
Tensile Strength at Break	17.9	MPa	ASTM D 638
Elongation at Yield	9.2	%	ASTM D 638
Elongation at Break	142	%	ASTM D 638
Rockwell Hardness	R 103	-	ASTM D 785
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	104	°C	ASTM D 648
Optical properties			
ASTM Data			
Gloss	93	-	ASTM D 2457
Haze	73	%	ASTM D 1003
Other properties			
Density	911	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Features

Thermal Stability, Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR, Drug Master File

Applications

Automotive

Regional Availability

North America