

H02G-02

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	35.4	MPa	ASTM D 638
Tensile Strength at Break	20	MPa	ASTM D 638
Elongation at Yield	11.5	%	ASTM D 638
Elongation at Break	120	%	ASTM D 638
Rockwell Hardness	R 99	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	97	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	908	kg/m ³	ASTM D 792

Characteristics**Processing**

Film Extrusion, Other Extrusion, Thermoforming

Certifications

Food contact, Food approval FDA 21 CFR

Features

Homopolymer

Regional Availability

North America