

**H44N-00**

PP

INEOS Olefins &amp; Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>47</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>37.3</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>26.2</b>	MPa	ASTM D 638
Elongation at Yield	<b>9</b>	%	ASTM D 638
Elongation at Break	<b>25</b>	%	ASTM D 638
Rockwell Hardness	<b>R 107</b>	-	ASTM D 785
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>113</b>	°C	ASTM D 648
<b>Optical properties</b>			
<b>ASTM Data</b>			
Gloss	<b>93</b>	-	ASTM D 2457
Haze	<b>76</b>	%	ASTM D 1003
<b>Other properties</b>			
Density	<b>911</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America

**Features**

Low Warp, Nucleated, Homopolymer