

**R08G-00**

PP

INEOS Olefins &amp; Polymers

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>8</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>26.1</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>24.8</b>	MPa	ASTM D 638
Elongation at Yield	<b>13</b>	%	ASTM D 638
Elongation at Break	<b>900</b>	%	ASTM D 638
Rockwell Hardness	<b>R 77</b>	-	ASTM D 785
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>79</b>	°C	ASTM D 648
Vicat Temperature	<b>132</b>	°C	ASTM D 1525
<b>Optical properties</b>			
<b>ASTM Data</b>			
Gloss	<b>92</b>	-	ASTM D 2457
Haze	<b>60</b>	%	ASTM D 1003
<b>Other properties</b>			
Density	<b>899</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding, Film Extrusion, Blow Molding

**Certifications**

Food contact, Food approval FDA 21 CFR

**Features**

Foamable, Copolymer, Random Copolymer

**Regional Availability**

North America