

**POLYFLAM® RPP 1021 H**

PP

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>20</b>	g/10min	ASTM D 1238
Mold Shrinkage, MD	<b>0.015</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.02</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>28</b>	MPa	ASTM D 638
Elongation at Break	<b>40</b>	%	ASTM D 638
Flexural Modulus	<b>1200</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>112</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-2</b>	-	UL 94
Thickness tested	<b>3.05</b>	mm	-
DTUL @ 66 psi	<b>90</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>50</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>950</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

Flame retardant

**Features**

Copolymer

**Applications**

General Purpose

**Regional Availability**

North America