

**PRL PPX-FR2-(color)-EN**

(PPE+PS)

Polymer Resources, Ltd.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.006</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>50.3</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>49</b>	MPa	ASTM D 638
Elongation at Break	<b>35</b>	%	ASTM D 638
Flexural Modulus	<b>2413</b>	MPa	ASTM D 790
Flexural Strength	<b>82.7</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R115</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>267</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>133</b>	J/m	ASTM D 256
Temperature	<b>-40</b>	°C	-
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-1</b>	-	UL 94
Thickness tested	<b>3</b>	mm	-
DTUL @ 66 psi	<b>98.9</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>93.3</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>1090</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Other Extrusion

**Delivery form**

Pellets

**Additives**

Flame retarding agent

**Special Characteristics**

Flame retardant

**Regional Availability**

North America