

**Pearlbond™ DIPP-119**

TPU

Lubrizol Advanced Materials Spain S.L.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>37.5</b>	g/10min	ISO 1133
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	<b>12</b>	MPa	ISO 527
Stress at 100% elongation	<b>2</b>	MPa	ISO 527
Stress at 300% elongation	<b>9</b>	MPa	ISO 527
Strain at break TPE	<b>&gt;300</b>	%	ISO 527
Shore A hardness	<b>70</b>	-	ISO 7619-1
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>2</b>	MPa	ASTM D 412
Modulus at 300% Elongation	<b>3</b>	MPa	ASTM D 412
Shore A Hardness	<b>70</b>	-	ASTM D 2240
Tensile Strength	<b>12</b>	MPa	ASTM D 412
Elongation at Break	<b>800</b>	%	ASTM D 412
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>105</b>	°C	ISO 11357-1/-3
<b>ASTM Data</b>			
Melting Temperature	<b>105</b>	°C	ASTM D 3418
<b>Other properties</b>			
Density	<b>1160</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>1160</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Other Extrusion, Coating

**Delivery form**

Pellets

**Special Characteristics**

Transparent

**Features**

Good Adhesion

**Regional Availability**

North America, Europe