

**Product Texts**

PEARLTHANE® D12F75UV is designed for a wide variety of adhesive film applications requiring excellent adhesion in combination with good heat resistance. This grade can be both cast extruded and blown.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>30</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Stress at 100% elongation	<b>5</b>	MPa	ISO 527
Stress at 300% elongation	<b>19.5</b>	MPa	ISO 527
Tear strength	<b>155</b>	kN/m	ISO 34-1
Abrasion resistance	<b>35</b>	mm <sup>3</sup>	ISO 4649
Shore A hardness	<b>78</b>	-	ISO 7619-1
<b>ASTM Data</b>			
Compression Set , 22 hr @ 158 °F	<b>55</b>	%	ASTM D 395

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>135</b>	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	<b>-30</b>	°C	ISO 11357-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1150</b>	kg/m <sup>3</sup>	ISO 1183
Moisture Content	<b>0.1</b>	%	-

**Characteristics**

**Delivery form**

Pellets

**Features**

Low Gel

**Special Characteristics**

U.V. stabilized or stable to weather

**Regional Availability**

North America, Europe