

**UBE Elastomer PAE1201 U**

PA\*

UBE

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>8.6</b>	g/10min	ASTM D 1238
Temperature	<b>235</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>19</b>	MPa	ASTM D 638
Elongation at Break	<b>300</b>	%	ASTM D 638
Flexural Modulus	<b>360</b>	MPa	ASTM D 790
Flexural Strength	<b>16</b>	MPa	ASTM D 790
Shore D Hardness	<b>65</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>163</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>110</b>	°C	ASTM D 648
Melting Temperature	<b>165</b>	°C	ASTM D 3418

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1000</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

Heat stabilized or stable to heat, Transparent

**Features**

Soft Feel

**Applications**

Sports Equipment

**Regional Availability**

North America