

**Epitec® ABS-803**

ABS

Osterman's Engineered Polymers 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>5.2</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>3.8</b>	kg	-
Mold Shrinkage, MD	<b>0.005</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Modulus	<b>2517</b>	MPa	ASTM D 638
Tensile Strength	<b>40</b>	MPa	ASTM D 638
Flexural Modulus	<b>2551</b>	MPa	ASTM D 790
Flexural Strength	<b>72.4</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 112</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>160</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.52</b>	mm	-
DTUL @ 264 psi	<b>85</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>1050</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Natural Color

**Regional Availability**

North America

**Applications**

General Purpose