

**High Impact Polystyrene (AVPS)**

**Processing HIPS Natural Virgin**

	<a href="#"><u>Convert Imperial</u></a>	
<b>Mold</b>		20 – 60 Deg. C
<b>Melt</b>		200 – 260 Deg. C
<b>Max Temp</b>		280 Deg. C
<b>Drying</b>		60 - 75
<b>Injection Speed</b>		Typically High
<b>Purge</b>		GPPS

**Physical Characteristics**

<b>Structure</b>		Amorphous
<b>Opacity</b>		Translucent to Opaque
<b>Physical</b>		Tough
<b>Specific Gravity</b>		1.03-1.06
<b>Shrinkage</b>		0.4 to 0.7%
<b>Melting Point</b>		95 Deg. C
<b>HDT</b>		75 – 90 Deg. C
<b>Service Temp</b>		70 Deg. C

HIPS offers excellent processing, glossy surface finish, low creep, good dimensional stability and high impact strength. |

Applications include: automotive interior, exterior, appliance housings & white goods.

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