

**CP PRYME® ABS A100HIE-84**

ABS

Chase Plastics

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	<b>4</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.007</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Modulus	<b>2030</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>39.3</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>29</b>	MPa	ASTM D 638
Elongation at Yield	<b>3.1</b>	%	ASTM D 638
Elongation at Break	<b>32</b>	%	ASTM D 638
Flexural Modulus	<b>2100</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>430</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>93.3</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>80.6</b>	°C	ASTM D 648
Vicat Temperature	<b>107</b>	°C	ASTM D 1525
<b>Other properties</b>			
Density	<b>1030</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Sheet Extrusion, Other Extrusion, Blow Molding

**Special Characteristics**

High impact or impact modified

**Delivery form**

Pellets, Natural Color

**Regional Availability**

North America