

**CP PRYME® ABS A100-2**

ABS

Chase Plastics

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	23	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	51	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	2740	MPa	ASTM D 790
Flexural Strength	78.6	MPa	ASTM D 790
Rockwell Hardness	R110	-	ASTM D 785
Izod Impact notched, 1/8 in	220	J/m	ASTM D 256
Izod Impact notched, 1/4 in	200	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	80	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	90	°C	ASTM D 648
DTUL @ 264 psi	86.1	°C	ASTM D 648
Vicat Temperature	93.9	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1010	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Regional Availability**

North America

**Applications**

General Purpose