

**ABS 710 Utility Black**

ABS

Shuman Plastics, Inc.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>4</b>	g/10min	ASTM D 1238

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Rockwell Hardness	<b>R 102</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>214</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 @ 264 psi	<b>76.1</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1040</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>87.8 - 93.3</b>	°C	-
Pre-drying - Time	<b>2 - 24</b>	h	-
Melt temperature	<b>204 - 227</b>	°C	-

<b>Processing Recommendation Extrusion</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>87.8 - 93.3</b>	°C	-
Pre-drying - Time	<b>2 - 24</b>	h	-
Melt temperature	<b>177 - 216</b>	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Special Characteristics**

High impact or impact modified

**Delivery form**

Pellets, Black

**Regional Availability**

North America, Europe, Asia Pacific