

**PONACOM 7410-12**

ABS

Ponachem Compound GmbH

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>11</b>	g/10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>2200</b>	MPa	ISO 527
Charpy notched impact strength, +23°C	<b>12</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	<b>13.5</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Vicat softening temperature, B	<b>92</b>	°C	ISO 306
<b>Other properties</b>			
Water absorption	<b>1.6</b>	%	Sim. to ISO 62
Density	<b>1060</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>210 - 240</b>	°C	-
<b>Processing Recommendation Extrusion</b>			
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>210 - 240</b>	°C	-

**Characteristics****Processing**

Injection Molding, Profile Extrusion, Other Extrusion

**Applications**

Encapsulation

**Delivery form**

Pellets, Black

**Regional Availability**

Europe

**Special Characteristics**

High impact or impact modified