

PONACOM 7420

ABS

Ponachem Compound GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	11.5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Vicat softening temperature, B	95	°C	ISO 306
Other properties			
Water absorption	1.6	%	Sim. to ISO 62
Density	1060	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	210 - 240	°C	-
Processing Recommendation Extrusion			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	210 - 240	°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