

Tenogell® A3 HS PRTA010 AB330

ABS

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9.5	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Flexural modulus, 23°C	2620	MPa	ISO 178
Flexural strength	83	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	22	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength at Yield	170	MPa	ASTM D 638
Tensile Strength at Break	10	MPa	ASTM D 638

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	103	°C	ISO 306
ASTM Data			
DTUL @ 264 psi	94	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	190 - 230	°C	-
Mold temperature	50 - 80	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Europe, South and Central America