

Tenogell® B3 HF CRLA010 AB326

ABS

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	47	MPa	ASTM D 638
Flexural Modulus	2150	MPa	ASTM D 790
Flexural Strength	20	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	105	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.2	mm	-
DTUL @ 264 psi	82	°C	ASTM D 648

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	2.2	%	ASTM D 1003
Light Transmittance	87	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	1090	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3	h	-
Melt temperature	210 - 230	°C	-
Mold temperature	50 - 70	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, South and Central America

Special Characteristics

Transparent