

Tenogell® A3 BRC0013 AB319 MSP

ABS

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	41	MPa	ASTM D 638
Flexural Modulus	220	MPa	ASTM D 790
Flexural Strength	68	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/4 in	400	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	81	°C	ASTM D 648
Vicat Temperature	105	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	85	°C	-
Pre-drying - Time	3	h	-
Melt temperature	195 - 230	°C	-
Mold temperature	50 - 70	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, South and Central America

Delivery form

White