

**Tenogell® A3 LRJ0320 AB384**

ABS

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>20</b>	g/10min	ASTM D 1238
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	<b>40</b>	MPa	ISO 527
Yield strain	<b>7</b>	%	ISO 527
Flexural modulus, 23°C	<b>3300</b>	MPa	ISO 178
Flexural strength	<b>90</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>8</b>	kJ/m <sup>2</sup>	ISO 180/1A

Other properties	Value	Unit	Test Standard
Density	<b>1110</b>	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>4</b>	h	-
Melt temperature	<b>190 - 230</b>	°C	-
Mold temperature	<b>50 - 70</b>	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Regional Availability**

North America, Europe, South and Central America