

## CALIBRE™ 2061-30 Polycarbonate Resin

### Overview

CALIBRE™ 2061-30 resin is suitable for steam and ethylene oxide sterilization required by the health care industry. CALIBRE 2061-30 provides extremely high flow, ease of processability and has low contamination levels suitable for thin wall application. CALIBRE 2061-30 compliance with ISO 10993 (Biological Evaluation of Medical Devices). This product contains mold release.

#### Govt. and Industry Standards

- ISO 10993

#### Benefits

- High Flow, easy processing

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.20 g/cm <sup>3</sup>	1.20 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	30 g/10 min	30 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus <sup>1</sup>	320000 psi	2210 MPa	ASTM D638
Tensile Strength <sup>2</sup> (Yield)	9000 psi	62.1 MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	120 %	120 %	ASTM D638
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	11 ft-lb/in	610 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	293 °F	145 °C	ASTM D1525 <sup>3</sup>
Injection	Nominal Value (English)	Nominal Value (SI)	
Drying Temperature	248 °F	120 °C	
Drying Time	4.0 hr	4.0 hr	
Processing (Melt) Temp	518 to 572 °F	270 to 300 °C	
Mold Temperature	158 to 212 °F	70 to 100 °C	