

**SK/3003R-82 LT. BLUE 7323**

PVC, Flexible

Alphagary

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>390</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>21.6</b>	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	<b>20</b>	MPa	ASTM D 638
Elongation at Break	<b>350</b>	%	ASTM D 638
Shore A Hardness	<b>80</b>	-	ASTM D 2240
<b>Other Standards<sup>[5]</sup></b>			
Modulus at 100% Elongation	<b>8.96</b>	MPa	ASTM D 638

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	<b>1250</b>	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	<b>168</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Sterilizable, Gamma irradiation sterilization

**Chemical Resistance**

Radiation Resistance

**Certifications**

Food contact, Food approval FDA 21 CFR, Medical Grade, US Pharmacopeia Class VI Approved

**Applications**

Medical

**Regional Availability**

North America, Europe