

**3006-95 CLEAR 0003**

PVC, Flexible

Alphagary

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	1.1	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	24	MPa	ASTM D 638
Elongation at Break	265	%	ASTM D 638
Shore A Hardness	95	-	ASTM D 2240
<b>Other Standards<sup>[5]</sup></b>			
Modulus at 100% Elongation	19.7	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	1280	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	179	°C	-

**Characteristics****Processing**

Injection Molding

**Additives**

Release agent

**Special Characteristics**

Heat stabilized or stable to heat, Transparent

**Certifications**

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

**Applications**

Medical

**Regional Availability**

North America, Europe