

3016/3-60 CLEAR 0003

PVC, Flexible

Alphagary

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Temperature	175	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	10.3	MPa	ASTM D 638
Elongation at Break	400	%	ASTM D 638
Shore A Hardness	58	-	ASTM D 2240
Other Standards^[5]			
Modulus at 100% Elongation	4.07	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	1160	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	163	°C	-

Characteristics**Processing**

Injection Molding

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