

3032/1-85 CLEAR 0003

PVC, Flexible

Alphagary

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	14.8	g/10min	ASTM D 1238
Temperature	175	°C	-
Load	20	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	17.2	MPa	ASTM D 638
Elongation at Break	275	%	ASTM D 638
Shore A Hardness	83	-	ASTM D 2240
Other Standards^[5]			
Modulus at 100% Elongation	9.31	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	1230	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	174	°C	-

Characteristics**Processing**

Injection Molding

Applications

Medical

Special Characteristics

Transparent

Regional Availability

North America, Europe

Certifications

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