

3016/2-85 CLEAR 0004

PVC

Alphagary

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8.5	g/10min	ASTM D 1238
Temperature	175	°C	-
Load	20	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	18.3	MPa	ASTM D 638
Elongation at Break	300	%	ASTM D 638
Shore A Hardness	83	-	ASTM D 2240
Other Standards^[5]			
Modulus at 100% Elongation	11	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	1240	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	171	°C	-

Characteristics**Processing**

Injection Molding

Additives

Release agent

Special Characteristics

Transparent

Features

Thermal Stability

Certifications

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

Applications

Medical

Regional Availability

North America, Europe