

3016GBF-90S CLEAR 000X

PVC, Flexible

Alphagary

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.5	g/10min	ASTM D 1238
Temperature	175	°C	-
Load	20	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	19.7	MPa	ASTM D 638
Elongation at Break	250	%	ASTM D 638
Shore A Hardness	90	-	ASTM D 2240
Other Standards^[5]			
Modulus at 100% Elongation	13.8	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	1260	kg/m ³	ASTM D 792

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

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat, Transparent, Sterilizable, Gamma irradiation sterilization

Features

Blush Resistance/Low Crease Whitening

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