

3032A/R-75 BLUE T2 7027

PVC, Flexible

Alphagary

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

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	15.2	MPa	ASTM D 638
Elongation at Break	400	%	ASTM D 638
Shore A Hardness	73	-	ASTM D 2240
Other Standards^[5]			
Modulus at 100% Elongation	6.21	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	1200	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	166	°C	-

Characteristics**Processing**

Injection Molding

Additives

Release agent

Special Characteristics

Sterilizable, Gamma irradiation sterilization

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