

SK/3003-85 CLEAR 0003

PVC, Flexible

Alphagary

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	260	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	21.6	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	18.3	MPa	ASTM D 638
Elongation at Break	280	%	ASTM D 638
Shore A Hardness	83	-	ASTM D 2240
Other Standards^[5]			
Modulus at 100% Elongation	9.17	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	1250	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	177	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent

Certifications

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

Applications

Medical

Regional Availability

North America, Europe