



Grade	SJ-170M
Product	PP

General Information

Key Features	<ul style="list-style-type: none"> - Medical application (Injection) - Stiffness, Transparency, USP Class VI, FDA DMF, Gamma-ray resistance
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Applications	Disposable syringes, Medical products (Gamma-ray sterilization)
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Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	26
Density	ASTM D792	g/cm ³	0.9
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	370
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm ²	18,000
Impact			
Notched Izod Impact Strength(23°C)	ASTM D256	kgf·cm/cm	3.0
Thermal			
Heat Deflection Temperature(4.6kgf/cm ²)	ASTM D648	°C	115

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01