

ASTM Property

Grade	JM-380UN
Product	Polypropylene, Impact Copolymer

General Information

Key Features

- Good the Balance of Stiffness and Impact resistance
- Slipperiness and UV resistance

Applications

- Industrial goods and Home appliances
- Electronics, Crate and Pallet

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	60
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	260
Tensile Strain (Break)	ASTM D638	%	<100
Flexural Modulus	ASTM D790	kgf/cm ²	13,000
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	7.0
Izod Impact Strength (notched, -10°C)	ASTM D256	kgf·cm/cm	3.0
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	105

1. Physical Properties : these are not to be construed as specifications

* The last update date : 2026/06/01