

ASTM Property

Grade	FR-160U
Product	Polypropylene, Homopolymer

General Information

Key Features	<ul style="list-style-type: none"> - Multifilament & Staple fiber application - Formability, Extensibility, Anti-gasfading stabilization - Weatherability (Including UV stabilizer agent)
--------------	--

Applications	- Continuous filament, Belt, Filter, Carpet
--------------	---

Item	Measuring Metho	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	16
Density	ASTM D792	g/cm ³	0.9
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	350
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm ²	16,000
Impact			
Notched Izod Impact Strength (23°C)	ASTM D256	kgf·cm/cm	3.5
Thermal			
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

