



Grade	FI-155S
Product	Homo PP

General Information

Key Features

FI-155S is the polypropylene homopolymer manufactured by the Bulk process. This grade is designed to potential end use applications include high slip

Applications

Clothes packaging, food packaging

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	11.0
Density	ASTM D792	g/cm ³	0.9
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	350
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm ²	16,000
Impact			
Notched Izod Impact Strength (23°C)	ASTM D256	kgf·cm/cm	2.5
Rockwell Hardness	ASTM D785	R	100
Thermal			
Melting Point	ASTM D3418	°C	162
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	104

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

* The last update date : 2021/10/01