



PP Bening 91

Technical Data Sheet

January, 2024

Product Description

Is a type of extrusion grade PP (Polypropylene). Mostly recovered from consumer and industrial waste with 120 mesh filtration. Suitable for PP Woven Bags, PP Strapping Band, and other similar purposes.

I. TEST RESULTS

Table 1. Melt Mass Flow Rate Test Results

No	Sample Name	MFR [g/10 minutes]
1	PP Bening 91	8.239 ± 0.207

Note: The results shown are the average value ± standard deviation.

Table 2. Density Test Results

No	Sample Name	Unit	Results
1	PP Bening 91	g/cm ³	0,8758 ± 0,0011

II. TEST CONDITIONS

Table 3. Conditions and Parameters for Melt Mass Flow Rate Testing

No	Item	Condition
1	Test Standard	ASTM D1238 - 2013
2	Test Sample	PP Bening 91
3	Test Temperature	230 °C
4	Test Load	2,16 kg
5	Testing Equipment	CEAST Model 7026.000

Table 4. Conditions and Parameters for Density Testing

No	Item	Kondisi
1	Test Standard	ISO 1183-1:2019
2	Test Sample	PP Bening 91
3	Testing Parameter	Method : <i>Pycnometer</i>
		Temperature : 24 °C
		Testing Medium : Ethanol
		Result : Density (g/cm³)
4	Alat Uji	Sartorius Balance & <i>pycnometer</i>

**The test results were conducted by the Polymer Laboratory - National Research and Innovation Agency (BRIN)*