

Polypropylene

Homopolymer

Density 0.903

Melt Index 8.0

Physical Properties	ASTM Test*	Metric Units
MFR (230°C/2.16 kg)	D1238	8.0 g/10 min
Density	D792	0.903 g/cm ³
Tensile yield strength @ 50 mm/min	D638	347 kg/cm ²
Tensile yield elongation	D638	13%
Flexural modulus (1% secant) @ 1.3 mm/min	D790A	13050 kg/cm ²
Notched Izod impact strength @23°C	D256	3.1 kg-cm/cm
Hardness, Rockwell	D785	R100
Deflection temperature @ 0.455 MPa(4.64kg/cm ²)	D648	104°C
Vicat softening temperature	D1525B	152°C
Melting temperature DSC, 10 C/min, 2nd heat	D3418	163°C

* Polypropylene tested per ASTM D4101

CHARACTERISTIC

PP MI 8.0 is a polypropylene homopolymer for production of cast film, including film to be metallized. This grade uses Unipol polypropylene technology from Union Carbide Corporation..

ADVANTAGES

High strength

Excellent clarity

Good processability

Contains slip and anti-block additives

Compliance with FDA regulation 21CFR177.1520

Processing Temperature: Extrusion temperature 240-260°C

Chill roll temperature 25°C