

Polypropylene

Impact Copolymer

Density 0.9

Melt Index 4.0

Physical Properties	ASTM Test*	Metric Units
MFR (230°C)	D1238	4.0 g/10 min
Density	D1505	0.9 g/cm ³
Tensile strength @ yield	D638	290 kg/cm ²
Elongation @yield	D638	10%
Flexural modulus	D790B	13500 kg/cm ²
Notched Izod impact strength @23°C	D256A	13 kg-cm/cm
Heat deflection temperature @ 4.6 kg/cm ²	D648	85°C
Hardness, Rockwell	D785A	R82
Drop weight impact @ -29°C	Internal Method	280kg
Water absorption after 24 hours	D750	0.02°C

* Polypropylene tested per ASTM D4101.

CHARACTERISTIC

This is an intermediate impact material

APPLICATIONS

Automotive parts, battery casing, appliances, housewares, seating, jerrican caps,

ADVANTAGES

Superior balance of properties, good low temperature impact resistance, excellent heat stability.

FABRICATION

Equipment – ram screw injection machines.

Techniques – standard processing