



Product Data

Polypropylene Homopolymer Grade : G452

Application

Thin Wall Injection Moulding

Special features

Fast processing cycle.

Light weight.

Good dimensional stability.

Good optical properties.

Improved impact strength.

FDA compliance for food contact application.

Physical Properties

Typical Resin Properties	Value	Unit	Method
Melt Flow Rate (230 ^o C)	45	g/10min	D1238
Density	900	kg/m ³	D792
Tensile Strength at Yield	37	MPa	D638
Elongation at Yield	10	%	D638
Flexural Modulus	1716	MPa	D790
Notched Izod Impact Strength at 23 ^o C.	28	J/m	D256
Heat Deflection Temperature at 4.64 kg/cm ²	105	degree C	D648
Rockwell Hardness	100	R scale	D785

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