

Polypropylene

Random copolymer Injection 25 MFI

Physical Properties	Method	Unit	Result
Melt Flow Rate	ASTM D1238	g/10min	25
Density	SATM D1505	g/cm ³	0.90
Elongation At Yield	ASTM D638	%	13
Tensile Strength At Yield	ASTM D638	kg/cm ²	500
Flexural Modulus	ASTM D790	Kg/cm ²	1400
Izod Impact	ASTM 256	Kg.Cm/Cm	6.0
Rockwell Hardness	ASTM 785A	R scale	85
Water Absorbtion	ASTM D570	%	0.02
Heat Deflection Temperature (At 4.6Kg/Cm)	ASTM D648	°c	85

Application;

High clarity oriented PP bottles for hot filled applications moisture sensitive packaging, baby feed, bootles, toiletries and detergent packaging

High transparent thin walled containers, storage containers, large articles, housewares

Advantages;

Excellent clarity

Good balance of rigidity and impact resistance

Excellent noisture barrier

Low colour

Suitable for hot filling

Fabrication;

Equipment – Injection stretch blow molding machine, injection molding machine

Techniques – Standard Processing