

MELT - 55

DENSITY - 0.900

**PRM-55C** is a high melt flow random copolymer with fast cycle time and good mold and denesting release. It is designed for injection molding, including thin wall applications. **PRM-55C** complies with FDA regulation 21CFR177.1520 and most international regulations concerning the use of Polypropylene in contact with food articles.

### Features:

- Fast molding cycle
- Good mold release
- Good denesting release

### Typical Applications:

- Clear storage containers
- Food containers
- Beverage containers

PROPERTIES	ASTM	UNIT	VALUES
<b>PHYSICAL</b>			
Density	D1505	g/cm <sup>3</sup>	0.900
Melt Flow Rate (230°C)	D1238	g/10 min	55
<b>MECHANICAL</b>			
Tensile Strength @ Yield (50mm/min)	D638	psi	4200
Elongation @ Yield (50mm/min)	D638	%	15
Flexural Modulus - 1% Secant (1.3mm/min)	D790	psi	150k
Notched Izod Impact (73°F)	D256A	ft-lb/in	1.0
Gardner Impact (73°F)	D5420	in/lb	180
HDT (66 psi)	D648	°F	178
Plaque Haze (1mm)	FPC	%	10