

MELT - 35

DENSITY - 0.900

**PRM-35C** is a certified prime grade Clarified Injection Molding copolymer specially designed for thin-walled applications requiring outstanding clarity and good impact resistance. **PRM-35C** complies with FDA regulations 21CFR 177.1520 (a)(3)(i) / (c)3.1 + 3.2, and most international regulations concerning the use of Polypropylene in contact with food.

### Features:

- Fast molding cycle
- Very good dimensional stability
- Good impact resistance
- Very good processability
- High clarity, gloss, flow
- Low blooming
- Medium rigidity
- High flow rate

### Typical Applications:

- High quality housewares where high clarity is a key requirement
- Thin-wall high gloss rigid packaging
- High quality consumer articles

PROPERTIES	ASTM	UNIT	VALUES
<b>PHYSICAL</b>			
Density	D1505	g/cm <sup>3</sup>	0.900
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	35
<b>MECHANICAL (Injection Molded)</b>			
Tensile Strength (Yield, 2.0 in/min)	D638	psi	4050
Tensile Elongation (Yield, 2.0 in/min)	D638	%	9.0
Flexural Modulus - 1% Secant	D790	psi	148k
Notched Izod Impact	D256	ft-lb/in	1.2
Rockwell Hardness (R-Scale)	D785		93
HDT Under Load (66 psi, Unannealed)	D648	°F	180
Vicat Softening Temperature	D1525	°F	273