

MELT - 35

DENSITY - 0.900

PRM-35 is a certified prime grade injection molding copolymer specially designed for high speed injection of thin-walled applications requiring very good clarity and good impact resistance. **PRM-35** complies with FDA regulation 21CFR 177.1520 (a)(3)(i) c3.1a/3.2a & with most international regulations for use in contact with food.

Features:

- High clarity, flow & gloss
- High rigidity
- Good dimensional stability
- Good impact resistance
- Good processability
- Low warpage
- Fast molding cycle

Typical Applications:

- Consumer applications
- Household goods
- Thin walled packaging

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.900
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	35
MECHANICAL (Injection Molded)			
Tensile Strength (Yield, 2 in/min)	D638	psi	4100
Tensile Elongation (Yield, 2 in/min)	D638	%	11
Flexural Modulus - 1% Secant (0.051in/min)	D790	psi	180k
Notched Izod Impact @ 73°F	D256	ft-lb/in	1.0
Vicat Softening Temperature	D648	°F	280
HDT Under Load (66 psi, Unannealed)	D648	°F	185
Rockwell Hardness	D785	R Scale	96