

PRM-35ARN Polypropylene Random Copolymer

MELT - 35

DENSITY - 0.900

PRM-35ARN is a certified prime grade Injection Molding copolymer designed for applications requiring excellent balance of high stiffness and good impact strength. **PRM-35ARN** is formulated with antistatic for protection against dust build-up, features Controlled Rheology for high quality straight flat surfaces of moldings, and advantages of Nucleation. **PRM-35ARN** complies with FDA regulation 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:

- Antistatic
- Controlled Rheology
- Good Impact Resistance
- Good Stiffness
- Low Warpage
- Nucleated

Typical Applications:

- Thin-walled food containers
- Margarine tubs
- Yogurt and ince-cream pots
- Video cassette boxes
- Toys
- Flower pots
- Promotional drinking cups

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.900
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	35
MECHANICAL (Injection Molded)			
Tensile Strength @ Yield (2.0 in/min)	D638	psi	4500
Tensile Elongation @ Yield (2.0 in/min)	D638	%	9.0
Flexural Modulus - 1% Secant (0.051 in/min)	D790	psi	220k
Notched Izod Impact	D256	ft-lb/in	0.80
Rockwell Hardness (R-Scale)	D785		102
HDT Under Load (66 psi, Unannealed, Injection Molded)	D648	°F	199
Vicat Softening Temperature	D1525	°F	298