

MELT - 80

DENSITY - 0.902

PRM-80C is a certified prime grade, clarified copolymer designed for high speed injection molding of medium and thin-walled parts, needing exceptional clarity. **PRM-80C** complies with FDA regulation 21CFR177.1520(c)3.1a & 3.2a, conditions of use B-H as defined in table 2 of 21CFR176.170(c) and most international regulations concerning the use of Polypropylene in contact with food articles.

Features:

- Fast molding cycle
- Good processability
- High clarity & flow

Typical Applications:

- Cups
- Household goods
- Thin-walled parts

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.902
Melt Flow Rate (230°C)	D1238	g/10 min	80
MECHANICAL			
Tensile Strength @ Yield (50mm/min)	D638	psi	4000
Elongation @ Yield (50mm/min)	D638	%	13
Flexural Modulus - 1% Secant (1.3mm/min)	D790	psi	150k
Notched Izod Impact (73°F)	D256A	ft-lb/in	1.0
HDT Under Load(66 psi)	D648	°F	185