

Marlex[®] HGL-350

Polypropylene Homopolymer, Antistatic, Controlled Rheology

Applications:

- Closures
- Food Containers, Housewares
- Toys

Agency Information:

- Meets FDA Regulation 21 CFR 177.1520 and is suitable for food packaging applications not to exceed 212° F (100°C).
- Listed in the Drug Master File
- UL Listed, 1.5mm thk, natural, RTI 65°C, Flame Rating 94HB

Nominal Properties

Property	English	SI	Method
Density	0.903 g/cc	0.903 g/cc	ASTM D1505
Melt Flow Rate, @ 230°C	35 g/10min	35 g/10min	ASTM D1238
Tensile Strength at Yield, 50 mm/min	5,000 psi	34.5 MPa	ASTM D638
Flexural Modulus, Secant, 1.3 mm/min	200,000 psi	1,380 MPa	ASTM D790
Notched Izod Impact Strength, @ 23°C	0.4 ft*lb/in	21 J/m	ASTM D256
Heat Deflection Temperature, @ 0.455 MPa	203 °F	95 °C	ASTM D648
Rockwell Hardness, R Scale	94	94	ASTM D785
Shore D Hardness	70	70	ASTM D2240

Mechanical properties were determined using injection-molded specimens 1/8" (3.2mm) thick molded per ASTM D4101, unless otherwise noted.

The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.

MSDS #240590



Phillips Sumika
Polypropylene Company

