

TECHNICAL DATASHEET

PPHOMO Q1100N

PRODUCT DESCRIPTION

Q1100N is a homopolymer resin designed for masterbatch, consumer and housewares applications. Meets FDA regulation 21 CFR 177.1520 section (c)1.1a for Conditions of Use A-H.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
Melt Flow Rate (2.16 kg at 230°C)	12.0	g/10 min	ASTM D1238
Tensile Strength at Yield - 50mm/min (2in/min)	36	MPa	ASTM D638
Tensile Elongation at Yield	8	%	ASTM D638
Flexural Modulus - Procedure A: 1% secant	1600	MPa	ASTM D790
Notched Izod Impact Strength @23°C	24	J/m	ASTM D256A
Heat Deflection Temperature (HDT) @ 0.45 MPa / (66 psi)	106	°C	ASTM D648

STORAGE AND HANDLING

Polypropylene resins should be stored in a clean, dry place at ambient temperatures. Prolonged or improper storage can result in deterioration of product properties. Care should be taken when handling and transferring product to prevent foreign matter contamination. Safety Data Sheet (SDS) contains important safety information and should be reviewed before using the product.

PPHOMO
POLYPROPYLENE
HOMOPOLYMER
Q1100N