

H20G-00

POLYPROPYLENE HOMOPOLYMER

TECHNICAL DATASHEET

Product Description

H20G-00 is designed for general purpose injection molding applications. Typical applications include consumer products, housewares, and rigid packaging. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.¹

Typical Properties²

Property	English Units	SI Units	ASTM Method
Resin Properties			
Density		0.910 g/cc	D792
Melt Flow Rate (230°C/2.16 kg)		20 g/10 min	D1238
Injection Molded Specimen Test			
Tensile Strength @ Yield	5,200 psi	36 MPa	D638
Elongation @ Yield	9.0 %	9.0 %	D638
Flexural Modulus, 1% Secant Method	210,000 psi	1,450 MPa	D790A
HDT @ 66 psi (455 kPa)	217 °F	103 °C	D648