

INEOS PP H12G-00

Polypropylene Homopolymer
INEOS Olefins & Polymers USA

Message:

Grade H12G-00 is a general purpose homopolymer for injection molding applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Applications

General purpose

Consumer products

Housewares

Rigid packaging

General Information			
UL YellowCard	E31830-100062238		
Features	Food Contact Acceptable		
	General Purpose		
	Homopolymer		
Uses	Consumer Applications		
	General Purpose		
	Household Goods		
	Rigid Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	35.2	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield, Injection Molded	10	%	
Break, Injection Molded	> 200	%	
Flexural Modulus (Injection Molded)	1480	MPa	ASTM D790A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	82.2	°C	ASTM D648

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