INEOS PP H07G-00

Polypropylene Homopolymer INEOS Olefins & Polymers USA

Message:

Grade H07G-00 is a barefoot polypropylene homopolymer designed for cast film applications and flexible packaging. This grade has good optical properties and consistent processing. This grade meets the requirements of the U.S. Food and Drug Administration specified in 21 CFR 177.1520.

Food Contact Acceptable Homopolymer Opticals Homopolymer Opticals	General Information				
Uses	Features	Food Contact Acceptable			
Uses Cast Film Packaging Packaging Agency Ratings EC 1907/2006 (REACH) FDA 21 CFR 177.1520 FDR 21 CFR 177.1520 Forms Pellets FORMSTAND TO STAND TO S		Homopolymer			
Packaging Pack		Opticals			
Agency Ratings EC 1907/2006 (REACH) FDA 21 CFR 177.1520 FORMS Pellets Forms Pellets Forms Test Method Physical Nominal Value Unit Test Method Specific Gravity 0.909 g/10 min ASTM D792 Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) 7.5 g/10 min ASTM D1238 Hardness Nominal Value Unit Test Method Rockwell Hardness (R-Scale) 102 ASTM D785 Mechanical Nominal Value Unit Test Method Tensile Strength ¹ ASTM D638 ASTM D638 Yield 36.0 MPa ASTM D638 Yield 18.8 MPa ASTM D638 Yield 11 % ASTM D638 Yield 11 % ASTM D638 Flexural Modulus - 1% Secant 1530 MPa ASTM D790A Impact Nominal Value Unit Test Method Notched Izod Impact (23°C) 28 J/m ASTM D256 Notched Izod Impact (Ar	Uses	Cast Film			
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Deflection Temperature Under Load (0.45 MPa, Unannealed) 92.8 °C ASTM D648 Optical Nominal Value Unit Test Method	Notched Izod Impact (Area) (23°C)	2.81	kJ/m²	ASTM D256	
MPa, Unannealed) 92.8 °C ASTM D648 Optical Nominal Value Unit Test Method	Thermal	Nominal Value	Unit	Test Method	
		92.8	°C	ASTM D648	
Gloss (60°) 93 ASTM D2457	Optical	Nominal Value	Unit	Test Method	
	Gloss (60°)	93		ASTM D2457	

Haze ³ (1270 μm)	75	%	ASTM D1003
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	23°C		

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