

Ineos H65C-00 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

This is a high melt flow clarified and lightly lubricated homopolymer designed for high-speed injection molding. It exhibits excellent see-through clarity and meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR

177.1520.ApplicationsConsumer productsAudio-video media packaging formats (DVD and CD cases)Thin-wall injection molding, dairy/dessert rigid packaging (TWIM)HousewaresBenefitsExcellent clarityFast cyclingLow blooming with good mold releaseExcellent performance in TWIM parts and food containersInformation provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H65C-00-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	65 g/10 min	65 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	39.3 MPa	5700 psi	ASTM D638
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Elongation at Yield	7.0 %	7.0 %	ASTM D638
Flexural Modulus, 1% Secant	1790 MPa	260000 psi	ASTM D790A
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	116 °C	240 °F	ASTM D648

Optical Properties	Metric	English	Comments
Haze	15 %	15 %	50-mil plaque, % Diffuse Transmittance; ASTM D1003

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