POLIMAXX 3340H

IRPC Public Company Limited - *Polypropylene Random Copolymer*

General Information

Product Description

3340H is a Polypropylene Random Copolymer with the characteristic of high clarity and high impact for using extrusion sheet and blow molding process.

PRODUCT FEATURES:

- High impact resistance
- High clarity and high gloss
- Without optical brightener
- Low seal temperature
- Odorless

TYPICAL APPLICATION:

- Sheet for themoforming
- Sheet
- Cosmetic bottles
- Stationery
- Blow molding bottle
- Food Packaging

COMPLIANCE:

- FDA US 21 CFR 177.1520
- Commission Regulation (EU) No. 10/2011
- RoHS
- REACH

General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Food Contact Acceptable • High Clarity	• High Gloss • High Impact Resistance	• Odorless • Random Copolymer
Uses	• Bottles • Food Packaging	• Sheet • Stationary Supplies	
Agency Ratings	• EU No 10/2011	• FDA 21 CFR 177.1520	
RoHS Compliance	• RoHS Compliant		
Processing Method	• Blow Molding	• Sheet Extrusion	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	4210	psi	ASTM D638
Flexural Modulus - 1% Secant	131000	psi	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (73°F)	4.3	ft·lb/in	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (66 psi, Unannealed)	181	°F	ASTM D648

Processing Information

Injection	Nominal Value	Unit
Mold Temperature	104 to 140	°F
Injection Rate	Slow-Moderate	
Extrusion	**Nominal Value**	**Unit**

Cylinder Zone 1 Temp.	374 to 464 °F
Cylinder Zone 2 Temp.	374 to 464 °F
Cylinder Zone 3 Temp.	374 to 464 °F
Cylinder Zone 4 Temp.	374 to 464 °F

Notes

[1] Typical properties: these are not to be construed as specifications.