INEOS PP 401-CA55

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Message:

401-CA55 is a controlled rheology, good crystallinity, high flow high impact copolymer intended for the fast production of thin-walled injection-moulded articles. 401-CA55 contains antistatic and nucleation additives and is approved for use in contact with food.
Benefits & Features
Intended for the production of thin-walled injection-moulded articles requiring anti-static and low warpage properties
Fast cycling
Applications
Thin walled Injection Moulding
Housewares
Yellow fats containers and lids

General Information	
Additive	Antistatic
	Nucleating Agent
Features	Antistatic
	Controlled Rheology
	Crystalline
	Fast Molding Cycle
	Food Contact Acceptable
	High Flow
	High Impact Resistance
	Impact Copolymer
	Low Warpage
	Nucleated
Uses	Containers
	Household Goods
	Lids
	Thin-walled Parts
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)	55	g/10 min	ISO 1133

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	24.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1100	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (0°C)	4.0	kJ/m^2	ISO 179/1eA
Notched Izod Impact Strength (23°C)	6.0	kJ/m^2	ISO 180/A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B

Recommended distributors for this material

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