



401-CB50

Product Technical Information

Polypropylene – Impact Copolymer

401-CB50 is a nucleated and antistatic high flow and high impact copolymer ideally suited for fast cycling, thin walled injection moulded applications.

Applications

- Rigid packaging
- Yellow fat containers
- Ice cream containers
- Housewares
- Appliances

Benefits and Features

- Improved stiffness
- High impact
- Good flowability
- Antistatic
- Controlled rheology

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16kg	ISO 1133	50	g/10min
Mechanical				
Flexural Modulus	@23°C	ISO 178	1300	MPa
Tensile Strength	@Yield	ISO 527-1,-2	24	MPa
Izod impact strength, notched	@23°C	ISO 180/1A	7.5	kJ/m ²
	@-20°C	ISO 180/1A	4.2	kJ/m ²
Charpy Impact Strength, notched	@+23°C	ISO 179/1eA	6.6	kJ/m ²
	@-20°C	ISO 179/1eA	3.5	kJ/m ²
Thermal				
HDT	@0.45 MPa	ISO 75/B	98	°C

- Data should not be used for specification work