RIGIDEX® P 380-H100

Product Technical Information

RIGIDEX® P 380-H100 is a nucleated and antistatic high flow impact copolymer specifically designed for very fast cycling, thin walled injection moulding applications.
The RIGIDEX® P series of polypropylene resins are manufactured using the latest catalyst/process developments on Innovene™ P gas phase technology. As a result, they offer an industry leading balance between fluidity, rigidity and impact resistance. This grade has been designed for high rigidity applications. New nucleating technology leads to higher isotropy and subsequently lower warpage of the final objects.

Benefits & Features

- Good impact behaviour, even below 0°C
- Low warpage
- Very high flowability
- Very short cycle time
- Antistatic
- Manufactured with a non-phthalate base catalyst

Applications

- Thin Walled Technical Mouldings
- Yellow fat containers
- Housewares

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	90	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1550	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	5.5	kJ/m²
Izod Impact Strength, notched	0°C	ISO 180/A	4.5	kJ/m²
Izod Impact Strength, notched	-20°C	ISO 180/A	3.4	kJ/m²

Data should not be used for specification work

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Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration.
It is advised to process the product within maximum one year after delivery.

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